

Commonwealth of Pennsylvania
Department of Mines

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Anthracite Division

Annual Report

1947

Harrisburg, Pennsylvania

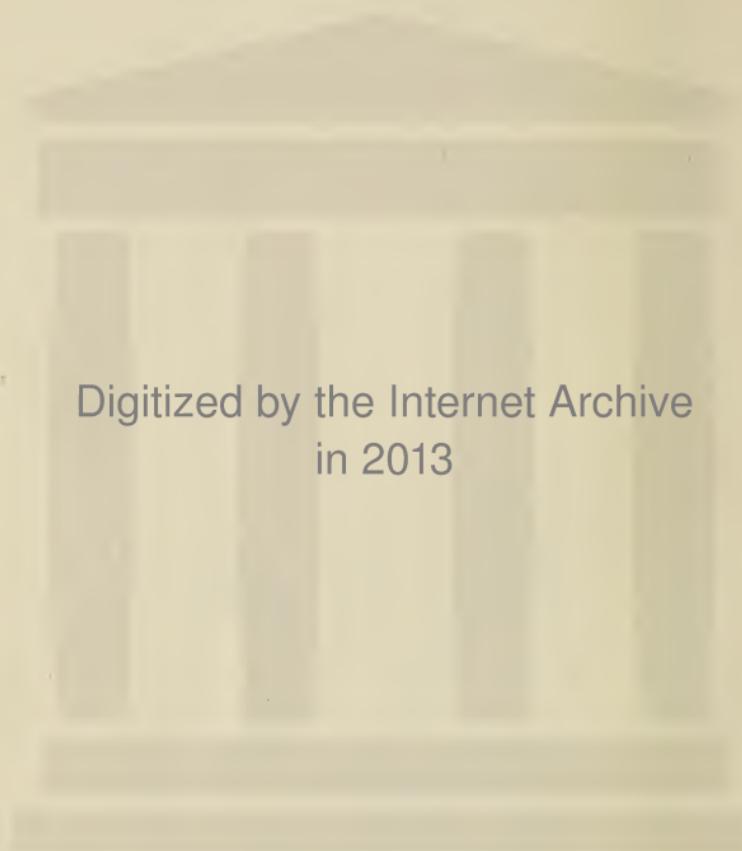
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Commonwealth of Pennsylvania
Department of Mines



Anthracite Division
Annual Report

1947

Harrisburg, Pennsylvania

Richard Maize
Secretary of Mines

Joseph J. Walsh
Deputy Secretary of Mines

W. Garfield Thomas
Deputy Secy. Bituminous Div.

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LETTER OF TRANSMITTAL

Department of Mines

April 1, 1948

To His Excellency, James H. Duff, Governor of Pennsylvania

Sir:

In compliance with the Act of April 14, 1903, I submit herewith the report of the Department of Mines for the year ending December 31, 1947, covering in detail the operations in the Anthracite Region of Pennsylvania.

Respectfully submitted,


Richard Maize,
Secretary of Mines.

G A S E X P L O S I O N S

The following excerpts were taken from reports covering gas explosions at the Nottingham Colliery of the Glen Alden Coal Company, Plymouth, Pennsylvania, the Schooley Colliery of the Knox Coal Company, Exeter, Pennsylvania, and the Franklin Colliery of the Lehigh Valley Coal Company, Wilkes-Barre Township, Pennsylvania:

Honorable Richard Maize
Secretary of Mines
Harrisburg, Pennsylvania

January 31, 1947

Dear Mr. Maize:

The commission appointed by you to investigate the explosion which occurred in No. 15 Shaft, Nottingham Colliery, Glen Alden Coal Company, Plymouth, Pennsylvania, on January 15, 1947, in which fifteen men were killed and two seriously injured, has completed its work and hereby submit to you their report.

The Inspector in charge of this operation, Mr. Andrew Wilson, is to be commended for the manner in which he, together with the mine officials, planned for the tapping of the inaccessible workings involved in this accident.

On December 3, 1946, he had a thorough understanding with the colliery officials, concerning the drilling of test holes in the direction of the abandoned workings.

On three different occasions following this discussion, he personally visited the colliery, engaged in inspections of other sections of the mine, and discussed the progress of the drilling work. The last such visit, prior to the accident, was on January 6, 1947, when he discussed with Mr. Thomas Hughes, Mine Foreman, the distance that the test holes had been drilled in advance of the gangway and airway.

The commission recommends that the present law relative to the drilling of test holes when approaching inaccessible workings be amended to read as follows:

ARTICLE 12, RULE 15: "Whenever a working place is to be driven towards inaccessible workings, the owner, operator or superintendent shall notify the mine inspector of the district before starting such place, and they shall agree as to the method to be followed in approaching the inaccessible workings."

Very truly yours,

Daniel H. Connelly, Chairman
Mine Inspector
Eighth Anthracite District

John D. Edwards
Mine Inspector
Thirteenth Anthracite District

Kenneth C. Lee
Mine Inspector
Fourteenth Anthracite District

1951

-2-

EXPLOSION

Nottingham Colliery, Glen Alden Coal Company
Plymouth, Pennsylvania

On the afternoon of January 15, 1947, an explosion occurred in No. 15 Shaft, Nottingham Colliery, Glen Alden Coal Company, which resulted in the death of fifteen workmen and injury to two others. The fifteen workmen who were fatally injured in the explosion suffered third degree burns, and in practically every instance the clothing was torn from their bodies. Twenty-two men were in the section at the time of the accident. The explosion occurred at 4:50 P. M. in No. 2 Slope extension, No. 9 East, No. 16 Tunnel, Road No. 30, Top Ross seam.

The section is ventilated by means of an exhaust fan, steam-driven, situated on the surface, with a recording pressure gauge of 1.6 inches, and producing 115,000 cubic feet of air per minute. The split in question had 12,000 cubic feet per minute at the intake and 9,600 cubic feet per minute was passing through the face cross-cut on the airway side. Cross-cuts between the intake and return airways were closed with concrete blocks laid in cement. Main doors, erected in pairs to form air locks, were in use on the haulage roads. Board stoppings were used to close the chamber openings and the cross-cuts between the chambers. Permissible electric cap lamps were used by all the workmen in this section, and the miners were furnished with permissible flame safety lamps.

The Assistant Foreman's record book indicated that gas was not found in the affected section for a period of three months prior to the explosion.

The gangway and airway and the chambers to the left off the airway were being driven towards abandoned and inaccessible Top Ross workings in No. 10 Slope, No. 10 Tunnel. In both the gangway and airway, drill holes had been kept 20 feet in advance of the faces as the workings approached the abandoned section. On either January 9 or 10, the drill hole at the face of the gangway tapped into the abandoned workings. Gas was not encountered and the direction of the air current was from the face of the gangway through the drill hole into the inaccessible workings. A drill hole was then started on January 10 in the face of the airway and it also tapped into the inaccessible workings. The ventilating current traveled through this drill hole into the tapped workings. The gangway and airway continued to advance towards the abandoned section, and the air current continued in the direction of the inaccessible workings and no trouble was experienced from gas at this point, nor was gas detected.

At another point in the section, however, a chamber was approaching the inaccessible abandoned workings. On January 14, the day preceding the accident, it was found by the assistant foreman that the face of this chamber was approximately sixty feet (60') from the face of a chamber in the inaccessible abandoned workings. This distance was

determined by means of actual measurement in the going chamber and by information shown on a map furnished the Assistant Foreman. The map showed both the abandoned and the live workings.

Following this measurement, it was decided by the officials that 20-foot boreholes be drilled in advance of the face of the working chamber, and that such drilling be started on the morning of January 16. In the meantime the night shift on January 14 drilled and fired a six-foot cut in one-half of the chamber face. On January 15 the day shift drilled and fired the remainder of the cut across the face, thus advancing the complete face a distance of six feet (6').

As the situation then stood, based upon the facts collected by the Mine Inspectors, there should still remain a pillar of fifty-four feet (54') between the advancing chamber and the chamber in the abandoned workings.

The night shift crew of January 15 now entered and takes over. This is the fatal shift. The workmen drilled and fired two holes, to form a "V" cut in the center of the place. These blasts broke into the face of the chamber in the abandoned workings, liberating a large volume of methane. This newly made opening was five feet (5') wide and two feet (2') in height. The gas so liberated entered the live workings and it is believed ignition took place on the airway road in front of the chamber that had tapped the abandoned workings.

There were several possible sources of ignition, such as blasting, electric arcs, a defective safety lamp and smoking. All of these sources could be reasonably eliminated with the exception of a "defective safety lamp." This latter statement is made, not because it is believed the ignition was caused by a defective safety lamp, but because the lamps were demolished by the force of the explosion and an examination of them while in this state would not permit the drawing of a conclusion.

The map furnished the colliery officials had noted thereon "January 24, 1933" as the date of the last survey in the abandoned workings. The face of the chamber into which the going chamber tapped was at that time not closed, indicating that when the survey was made work of advancing the chamber was still in progress. However, at some later date and prior to the accident, someone advanced on the map, by means of a pencil, the face of the said abandoned chamber a distance of forty feet (40') and closed the face of the chamber, thus indicating that the chamber had actually been advanced to this point and stopped, when, as determined following the explosion, it had been advanced a distance of about forty-eight feet (48') beyond this point, thus rendering any measurements or precautions taken by the mine foreman or his assistant of no value.

The inaccurate map furnished the mine officials was chiefly responsible for the accident. As fourteen years have elapsed since the abandoned workings were surveyed, and as those whose duty it was to make such surveys and maps at that time are not, at the

-4-

present time, employed by the company, we were unable to fix the responsibility for the inaccurate map.

However, as a cautionary measure for the prevention of accidents of this nature in the future, the Legislature in 1947 provided that no working place shall approach nearer than one hundred feet (100') to any inaccessible workings until after the mine inspector, the mining engineer and the mine superintendent shall have examined the situation and granted permission.

* * * * *

May 9, 1947

Honorable Richard Maize
Secretary of Mines
Harrisburg, Pennsylvania

Dear Sir:

The commission of inspectors appointed by you to investigate the cause of the explosion which occurred in Schooley Shaft, Schooley Colliery of the Knox Coal Company, Exeter, Pennsylvania, on April 10, 1947, in which ten men were killed and seven injured, has completed its work and hereby submit to you their report.

Yours very truly,

Daniel H. Connelly, Chairman
Mine Inspector, Eighth District

Andrew Wilson
Mine Inspector, Seventh District

Thomas M. Beaney
Mine Inspector, Ninth District

John D. Edwards
Mine Inspector, Thirteenth District

EXPLOSION

SCHOOLEY COLLIERY, KNOX COAL COMPANY
Exeter, Pennsylvania

At 7:00 A. M., April 10, 1947, an explosion of gas occurred in the Marcy seam, Schooley Shaft, Knox Coal Company, resulting in the death of ten (10) workmen and the injury of seven (?) others.

The section in which the explosion occurred, and in which seventeen workmen were employed, is ventilated by means of an

-5-

exhaust fan located on the surface. An air measurement taken at the fan revealed an air volume of 136,485 cubic feet per minute.

The ventilating current enters the Schooley Shaft, and then travels through the section in which the explosion occurred. After ventilating the working places, the current flows through abandoned workings in the Marcy seam, thence through an air shaft from the Marcy to the Pittston seam, and finally to the fan shaft leading to the surface.

Crosscuts and other openings requiring stoppings were closed by means of concrete blocks laid in cement. Two doors were in use on the main gangway and a third door was in the course of construction. Board stoppings were used where needed to close the cross-cuts between chambers.

The workmen at the time of the explosion were equipped with permissible electric and flame safety lamps. Jackhammers, operated by compressed air, were used for drilling purposes, and permissible explosives were used for blasting.

The shaker chute conveyors were driven by explosion-proof motors, and the switches controlling the power to these motors were of the open-type and located in a neutral zone on the main road between two ventilating doors, which neutral zone is ventilated by fresh air leakage through the doors.

An examination of the record book revealed that gas had not been found in the Marcy seam during a period of five and one-half months immediately preceding the explosion. No record, however, of an examination had been entered for April 10, the day of the explosion. The mine foreman who customarily made the morning examination prior to the entrance of the workmen did not make such an examination on the morning of the accident. He did, however, enter the mine before the explosion occurred, and in the course of his travel passed the point of accumulation and the point of ignition on the main gangway.

The gangway in question was isolated from the abandoned workings which it paralleled, by the erection of concrete block stoppings in all openings. It was in these abandoned workings that the gas first accumulated, and finally percolated through these stoppings to the main gangway, where it was ignited, we believe, by an electric switch, and the flame so caused, in some manner, ignited the explosive mixture in the abandoned workings behind the walls. After the explosion it was found that all of the walls separating the main gangway from the abandoned workings were blown in the direction of the gangway and away from the said abandoned workings.

The electric switch, which it is presumed ignited the gas, controls a small electric hoist located on the main gangway and used for haulage purposes. The hoist and the switch are open-type and were located at a point on the main gangway outside the first ventilating door, which point is practically in the intake air current.

-6-

To determine the source of the gas and the cause of its accumulation, the walls, doors, and brattices were reconstructed in the section of the mine in which the explosion occurred. The section was then ventilated by a fan other than the fan which the coal company declared furnished the ventilation on the morning of the accident. While so ventilated, gas was not detected in any of the live workings or in the abandoned workings. A change was now made to the extent that the affected section depended upon the Schooley Shaft fan for its ventilation. This is the fan, according to the officials, that ventilated the section where the explosion occurred, on the morning of the accident.

The change heretofore described was made at 10:25 P. M. on April 22. After the lapse of about one hour a small percentage of methane was found in the abandoned workings. As time went on, seven hours to be exact, an explosive mixture was found percolating through the crevices in the concrete walls between the main gangway and the adjoining abandoned workings. It was further found that the gas entered the abandoned Marcy seam through crevices in the bottom rock from an underlying seam.

As heretofore described, the return air from the affected section, in order to get to the Schooley Shaft fan, traveled through the abandoned workings in which the gas accumulated, thence through a shaft to the overlying Pittston seam. This shaft, according to statements made by the officials of the Knox Coal Company, was partially blocked with timber and other material. This blockage, they declared, was not sufficient, on the day before the accident and on several days prior thereto, to prevent the passage of a volume of air sufficient to ventilate the affected workings and the abandoned workings connected therewith.

They account for the gas accumulation on the day of the accident, and on several days subsequent thereto, by declaring that during the night preceding the morning of the accident the material which partially blocked the shaft heretofore referred to, moved or settled sufficiently to prevent the flow of sufficient air to ventilate the explosion section and the abandoned workings.

It is our opinion that the mine officials who had knowledge of the conditions in the partly blocked shaft should have exercised greater caution. In fact, ordinary precaution could have prevented this accident. It might also be noted that the person chiefly responsible for the safety of the workmen, and who was killed in the explosion, showed laxness in the performance of his legal duties.

* * * * *

-7-

January 9, 1948

Honorable Richard Maize
Secretary of Mines
Harrisburg, Pennsylvania

Dear Mr. Maize:

Attached hereto is a copy of our report covering the gas explosion which occurred on December 11, 1947, at the Franklin Colliery of the Lehigh Valley Coal Company.

You will note that reference is made at intervals throughout the report to the violation of different sections of the Anthracite Mining Laws. Those sections which were violated and contributed most directly to the explosion are as follows:

Rules 4 and 5 of Article 12, Sections 4, 10, 11 and 12 of Article 10.

These statutory requirements are imposed upon the Superintendent, Mine Foreman and Assistant Mine Foreman. Therefore, we propose proceeding against such persons as may be involved in accordance with Article 17 of the Act of June 2, 1891, P. L. 176.

Yours very truly,

Daniel H. Connelly, Chairman
Mine Inspector
Eighth District

Andrew Wilson
Mine Inspector
Seventh District

John D. Edwards
Mine Inspector
Thirteenth District

EXPLOSION

FRANKLIN COLLIERY, LEHIGH VALLEY COAL COMPANY
Wilkes-Barre Township, Pennsylvania

At 11:00 A. M., December 11, 1947, an explosion of gas occurred in No. 2 slope, Ross seam of the Franklin Colliery, Lehigh Valley Coal Company, resulting in the death of eight workmen.

-8-

The section of the mine in which the explosion occurred was examined by the assistant foreman on the morning of the accident prior to the workmen entering the mine and was reported to be safe.

The assistant foreman's record book indicated that gas was not found in the affected section for a period of three months prior to the explosion, with one exception, namely, on November 21, 1947.

Following the starting time on the day of the accident, two assistant foremen declared that they had measured and examined all of the working places in the affected section and found such workings free of gas. This inspection was completed shortly before 11:00 A. M. The officials then left for another part of the mine. The explosion occurred about ten minutes later.

An official testified that the faces of some of the chambers had "run" because of the heavy pitch, and that he was unable to examine for gas at the faces of these places. The portions of the chambers left unexamined were approximately thirty feet (30') in length. It is believed that gas accumulated in these unexamined portions and was forced by a rush of coal to the gangway where it joined the ventilating current and was finally ignited.

While the evidence seems to indicate ignition was caused by an electric arc, it could have been caused by a defective safety lamp or by smoking.

The investigation further revealed that the accessible abandoned workings were not examined weekly, main doors were not erected in pairs, nor was the air current conducted and circulated to and along the working faces in sufficient quantities to dilute, render harmless, and sweep away smoke and noxious or dangerous gases, to the extent that all working places and traveling roads were in a safe and fit state to work and travel therein.

All workmen in the section in question used permissible electric cap lamps, and in addition thereto, the miners were furnished with permissible flame safety lamps. A trolley locomotive with reel cable was used in the section.

Jackhammers, driven by compressed air, were used for drilling purposes, and permissible explosives were used for blasting.

The electric motors used for the operation of the shaker chute and conveyor lines, and the switches connected therewith, were of the open type.

Based upon the evidence before us, it appears that two explosions occurred. A laborer, who escaped injury,

declared that while shoveling coal into a pan line installed in his chamber, he felt a concussion which threw him off balance. He then heard his miner, who was topping a car on the gangway, moan as though in pain, and after walking two or three steps down the chamber to assist his miner, a second explosion occurred. The concussion from this explosion knocked him over and the brattice boards fell upon him. He saw no flame from either explosion. There was, however, considerable dust in suspension. The interval of time between the explosions was, he declares, a few seconds, and the second explosion exerted the greater force. The escape from injury by this laborer may be attributed to the fact that the chamber in which he was engaged was blind, and was driven at right angle to the direction of the force, thus making it impossible for the exertion of any considerable force at the point at which he was working.

The pumpman, who escaped injury, likewise declared that there were two concussions, and that the interval of time between them was but a few seconds.

An examination of the accessible abandoned workings following the explosion and after the ventilation had been restored to an extent comparable to that which existed before the explosion revealed the presence of explosive gas. These abandoned workings are immediately adjacent to, and are on the return side of the live workings. Both sections are ventilated by one continuous air current.

Based upon investigation it appears that the originating source of the gas was at the face of one or two chambers, which chambers, in the course of development, ranged from a moderate pitch to more than sixty degrees (60°) at the face. When this heavy pitch was encountered, the chamber faces "ran," forming voids of possibly more than thirty feet (30') in length. These voids were not ventilated, nor could they be examined.

In the presence of this condition the slope footman, in the performance of his duties, opened a single door erected between the intake and return airways, that he might transport empty cars to a certain branch on the inside of the door and take therefrom loaded cars. To perform this work it was necessary to use the slope rope. This prevented the closing of the door until the transportation work was accomplished.

Based upon our findings, it is evident that the door here described was open for a period of about seven minutes when the explosion occurred. During this period the workings in the affected section were deprived of ventilation.

In our consideration of the cause of the two explosions, which the survivors describe, it seems reasonably possible that following the ignition of the gas on the

-10-

gangway in the live workings, its flame expanded and moved in the direction of the abandoned workings where it encountered and ignited a body of standing gas, to the exploding of which we attribute the second concussion described by the survivors.

In this case the colliery superintendent, the mine foreman, and two assistant mine foremen were charged before the Court of Luzerne County with the violation of several sections of the Anthracite Mining Laws. When arraigned before the Court they pleaded "nolle contendere." The superintendent was found guilty and was given a suspended sentence. The foreman and his assistants were fined Five Hundred Dollars (\$500.00) each.

* * * * *

ANTHRACITE REGION - Year 1947

Dist- rict	Production - net tons						Pounds permiss- ible ex- plosives used	Average days worked	Empl- oyees	Fatal acci- dents	Man-days
	Shipped to market		Used at colliery for steam and heat		Total production	Pounds black powder used					
	By railroad	By truck	to local trade	to steam heat							
1	2,452,961	55,866	266,253	11,172	2,786,252	945,175	332,219	778,661	277	5	1,067,010
2	1,502,247	161,966	271,918	110,249	2,046,380	736,925	171,621	1,093,874	275	8	776,460
3	1,922,151	94,239	219,613	63,211	2,299,214	28,725	138,567	1,282,900	269	8	915,260
5	1,507,108	62,950	242,238	61,946	1,787,214	168,350	185,215	943,270	283	3	877,659
6	1,225,866	123,806	173,191	5,528	1,528,191	-	168,790	616,192	274	7	515,150
7	1,271,281	2,724	65,192	113,831	1,453,028	-	16,150	551,525	281	24	711,355
8	1,755,131	-	196,275	122,035	2,073,441	-	78,591	1,405,025	284	12	1,063,114
9	1,378,737	90,015	198,186	96,102	1,763,040	-	344,178	1,054,075	283	11	1,070,813
10	1,331,272	184,467	134,166	84,207	1,734,112	513,186	418,970	462,584	268	3	733,714
11	1,769,958	59,436	191,102	153,764	2,174,310	188,700	1,043,590	662,150	279	18	972,098
12	2,039,714	28,085	286,099	156,235	2,510,163	157,850	453,750	1,225,300	284	5	1,255,400
13	2,111,377	18	178,895	203,912	2,194,182	-	60,525	1,212,250	270	13	1,169,622
14	2,183,615	122,946	170,079	117,119	2,653,759	-	615,599	1,305,650	289	5	1,206,532
15	1,344,379	192,126	128,203	38,880	1,703,688	-	1,304,656	161,350	266	2	546,012
16	1,107,300	100,019	66,016	58,017	1,331,382	-	1,517,150	41,650	284	4	528,914
17	2,608,778	387,021	85,671	76,425	4,151,895	-	71,245,680	187,825	260	5	1,568,907
18	2,258,487	437,304	115,736	114,608	2,926,135	-	2,780,906	473,425	231	3	1,017,746
19	2,034,246	602,776	155,190	20,201	2,812,413	-	5,481,026	422,775	268	3	915,080
20	2,850,261	197,851	239,234	90,138	3,377,484	-	4,426,398	305,169	285	4	1,162,716
21	1,726,122	488,851	40,672	17,313	2,272,968	-	1,474,543	441,840	235	-	650,308
22	3,065,887	184,004	128,650	42,313	3,420,854	-	3,820,714	498,230	281	5	1,176,206
23	2,736,206	375,564	83,387	64,937	3,260,094	-	2,747,461	508,423	252	10	1,197,138
24	3,519,004	542,432	170,779	9,418	2,241,633	-	5,811,128	525,148	278	6	862,885
25	849,216	395,998	80,443	7,368	1,333,025	-	343,325	214,938	284	1	432,432
	47,551,334	4,890,324	3,887,368	1,898,959	58,227,985	2,738,911	41,294,752	16,383,229	277	165	22,392,521

ANTHRACITE PRODUCTION (DEEP MINED, STRIPPING AND BANK) AND EMPLOYEES, BY COUNTY

Year 1947

County	Mine	Stripping	Bank	Total production	Total Employees
Carbon	1,731,348	762,374	440,087	2,933,809	4,891
Columbia	1,172,420	296,597	38,867	1,507,884	2,319
Dauphin	4,515	15,605	8,611	28,731	152
Lackawanna	7,098,121	835,355	604,688	8,538,164	12,381
Luzerne	17,938,202	2,784,553	1,268,205	21,990,960	33,869
Northumberland	2,064,058	2,031,318	1,684,173	6,779,549	6,636
Schuylkill	7,414,382	5,926,408	2,908,893	16,259,688	20,302
Sullivan	36,761	7,112	2,912	46,785	127
Susquehanna	-	22,060	120,355	142,415	53
Wayne	-	-	-	-	-
REGION	38,459,807	12,691,382	7,076,796	58,227,985	80,730

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Total Production of Coal, Production from Strippings and Washeries,
Employes, Fatalities, Etc.

1870 - 1947

Year	Total production (net tons)	Washery production (net tons)*	Stripping production (net tons)*	Fatalities	Production per fatality	Fatalities per million tons	Number of inspectors
1870	14,172,004			35,600	211	67,166	14.89
1871	15,532,252			37,488	210	73,963	13.52
1872	15,567,973			44,745	223	69,811	14.32
1873	21,001,521			48,199	264	79,551	12.57
1874	19,930,240			53,402	231	86,278	11.59
1875	23,402,646			69,966	238	98,330	10.17
1876	23,440,666			70,474	228	102,810	9.73
1877	24,727,213			66,842	194	127,460	7.85
1878	20,900,966			63,964	187	111,770	8.95
1879	31,036,600			68,847	262	118,460	8.44
1880	27,974,532			73,373	202	138,488	7.22
1881	34,202,558			76,031	273	125,284	7.98
1882	35,057,430			82,200	295	118,839	8.41
1883	37,747,369			91,421	323	116,865	8.56
1884	36,466,738			101,073	332	109,846	9.10
1885	38,232,155			100,320	332	115,157	8.68
1886	38,950,932			103,044	279	139,609	7.16
1887	42,156,300			106,517	316	133,406	7.50
1888	46,635,037			122,218	364	128,118	7.81
1889	43,650,768			119,646	397	109,952	9.09
1890	44,986,286			119,919	378	119,011	8.40
1891	49,701,322			123,308	428	116,125	8.61
1892	51,226,978			130,300	418	122,553	8.16
1893	52,841,110	\$		138,069	456	115,880	8.63
1894	50,966,920	386,960		139,939	446	114,276	8.75
1895	56,948,756	686,534		143,705	421	135,270	7.39
1896	53,843,250	527,809		150,088	502	107,257	9.32
1897	52,581,036	732,743		149,557	423	124,305	8.04
1898	52,812,675	697,759		142,420	411	128,498	7.78
1899	60,518,331	1,055,426		140,604	461	131,276	7.62
1900	57,363,396	1,818,170		143,824	411	139,570	7.16
1901	67,094,665	2,009,864		147,651	513	130,789	7.65
1902	41,340,935	2,965,792		148,139	300	137,803	7.26
1903	75,232,585	4,119,258		151,827	518	145,237	6.89
1904	73,594,369	3,440,420		161,330	595	123,688	8.08
1905	78,647,020	3,897,688		168,254	644	122,123	8.19
1906	72,139,510	4,880,402		166,175	557	129,514	7.72
1907	86,056,412	5,630,169		168,774	708	121,549	8.23
1908	83,543,243	4,635,923		174,503	678	123,220	8.12
1909	80,223,833	5,206,562		171,195	567	144,488	7.07
1910	83,683,994	5,412,167		168,175	601	139,241	7.18
1911	90,917,176	4,555,457		173,338	699	130,067	7.69
1912	84,426,869	4,317,161		175,098	601	140,477	7.12
1913	91,626,964	2,934,157		175,310	624	146,838	6.81
1914	91,189,641	2,702,537		180,899	600	151,983	6.58
1915	89,377,706	3,428,427		177,339	588	152,003	6.58
1916	87,680,198	4,432,606		159,169	565	155,186	6.44
1917	100,445,299	6,408,277		156,148	581	172,883	5.78
1918	99,445,794	7,246,454		148,226	556	178,859	5.59
1919	87,838,024	3,616,675		153,780	636	138,110	7.24
1920	89,636,036	5,435,697		149,117	490	182,931	5.47
1921	90,358,642	1,842,096		161,926	546	165,492	6.04
1922	53,910,201	2,525,402		159,880	300	179,701	5.56
1923	92,653,641	4,212,001		158,764	515	179,910	5.56

Total Production of Coal, Production from Strippings & Washerries,
Employees, Fatalities, Etc., (Continued)

1870 - 1947

Year	Total production (net tons)	Washery production (net tons)*	Stripping production (net tons*)	Employees	Fatal- ties	Produc- tion per fatal	Fatal- ties per million tons	Num- ber of in- spec- tors
1924	87,277,449	1,141,796		162,503	496	175,963	5.68	22
1925	61,334,145	894,187		163,825	401	152,953	6.54	18
1926	83,874,500	1,365,175		168,734	455	184,340	5.42	18
1927	79,367,154	1,841,440		167,648	492	161,315	6.20	25
1928	74,552,312	1,614,863		160,721	447	166,784	6.00	25
1929	72,985,844	878,599		153,422	483	151,109	6.62	25
1930	68,776,559	890,389		151,171	444	154,902	6.46	25
1931	59,115,387	1,468,572	%	138,400	384	153,946	6.50	25
1932	49,501,511	1,062,858	3,545,948	119,480	243	203,710	4.91	21
1933	49,507,577	2,090,996	4,308,811	102,469	232	213,395	4.69	21
1934	56,798,951	1,516,393	4,461,894	106,251	260	218,458	4.58	19
1935	51,359,111	1,876,700	4,962,514	100,539	267	192,356	5.20	17
1936	54,264,016	1,411,988	3,757,678	99,704	241	225,162	4.44	16
1937	51,700,296	1,882,026	5,014,052	99,117	212	243,869	4.10	22
1938	46,269,511	2,031,432	5,080,344	96,998	223	207,487	4.82	20
1939	51,399,707	2,347,269	5,308,049	93,352	210	244,761	4.09	24
1940	51,526,454	2,599,280	6,010,364	90,790	182	283,112	3.53	23
1941	53,942,177	3,689,538	7,855,945	88,849	189	285,408	3.50	22
1942	57,939,629	4,045,970	9,657,307	83,707	225	257,509	3.88	22
1943	60,511,730	7,715,860	8,688,896	79,369	218	277,577	3.60	23
1944	64,112,589	10,527,481	10,925,619	78,145	171	374,927	2.67	24
1945	55,901,235	9,454,205	10,521,174	76,265	137	408,038	2.45	23
1946	61,978,710	9,214,678	12,912,992	80,556	169	366,738	2.73	24
1947	58,227,985	7,076,796	12,691,382	80,730	165	352,897	2.83	24

* Included in total production

No accurate record previous to 1870

† No accurate record previous to 1894

% No accurate record previous to 1932

COMMONWEALTH OF PENNSYLVANIA
DEPARTMENT OF MINES
Anthracite Division

Year 1947

Tons of Coal Mined, Days Worked, Persons Employed, Killed, Injured, Explosives

Non-fatal accidents													
FIRSt DISTRICT													
Operators & Collieries		County		Production - net tons		Pounds black powder dynamite used		Pounds powder dynamite used		Pounds permiss- ible explosives used		Pounds permiss- ible explosives used	
A. & F. Coal Co.				Shipped to market:		Used at colliery		Days worked		Days worked		Empl- oyees	
Mine		Lacka.		By railroad		Local trade		Total and heat		Total production		Total acci- dents or more	
A. & F. Coal Co.		Lacka.		17,528		-		-		17,528(a)		18,875	
Mine		Albertsgo Coal Co.		" 7,677		-		-		7,677(b)		150	
Mine		Anramay Coal Co.		" 4,209		-		-		8,418(c)		5,350	
Stripping		B. & D. Coal Co.		" -		7,249		-		7,249(i)		1,000	
Mine		B. & D. Stone (B)		" 13,410		-		-		13,410(b)		3,500	
Stripping		B. & I. Coal Co.		" -		-		-		(d)		-	
Breaker		(B)		Blasi Coal Co.		" 10,624		-		10,624(b)		200	
Mine		Booth (John) Inc.		" 136,632		-		-		136,632(b)(j)		56,675	
Stripping		Burke Stripping Co.		" 103,791		-		-		103,791(b)		139,950	
Stripping		Cecerelli Coal Co.		" -		2,921		-		2,921(e)		200	
Mine		C. C. & S. Coal Co.		" -		2,818		-		2,818(e)		500	
Mine		DeAngelis Coal Co. (B)		" 250,967		" 12,770		1,200		264,937(k)		2,775	
Stripping		Deweese Bros.		" 18,952		-		-		18,952(b)		24,000	
Mine		Dwonezyg Coal Co.		" 19,395		-		-		19,395(b)		300	
												300	
												5,400	
												290	
												23	

FIRST DISTRICT (CONTINUED)

Operators & collieries	County	Production - net tons			Pounds			Non-fatal accidents		
		Shipped to market		Used at colliery	Total	Pounds black powder used	Pounds dynamite used	Days worked	Empl- oyees	Fatal acci- dents
		By railroad	By truck	for steam and heat trade	production	used	used	used	used	dis- ability 60 days or more
Eddie & Joe Coal Co.	Mine	27,179	-	-	27,179(f)	28,125	2,750	222	39	-
Parnetti Coal Co.	"	253	-	-	253(c)	-	-	12	10	-
Scraping Parnetti & Hassel	Mine	1,415	1,414	-	2,829(c)	-	550	2,275	139	11
F. M. & B. Coal Co.	Mine	1,326	1,326	-	2,652(c)	-	625	600	136	11
Gateway Coal Co.	Forest City (B)	134,231	7,714	120	142,415 (1)	-	-	-	255	53
Gianfororo Coal Co.	"	25,205	-	-	25,205(b)	50	625	10,950	290	39
Gilda Coal Co.	Mine	21,117	-	-	21,117(b)	-	600	9,000	292	21
Gillen Coal Co.	Mine	38,704	-	-	38,704(b)	-	200	11,650	285	47
Giomabetti Coal Co.	Racket Brook (B)	44,937	4,646	1,424	52,299 (m)	26,350	3,850	27,075	204	127
Hudson Coal Co.	"	236,407	-	59,659 (g)	296,066(b)	110,300	9,376	84,701	286	401
Coal Brook	"	101,887	-	29,333	131,220(b)	3,400	6,228	77,210	292	156
Gravity Slope	(B)	788,160	-	39,060	827,220	720,425	21,215	139,600	292	1223
Olyphant	"	1,283	-	6,263	7,666(n)	-	-	-	292	2
Powdery	(B)								292	1
Total for Co.		1,127,737	-	128,052	6,263	1,262,152	824,125	36,819	301,511	1886
Mazzoni Coal Co.	Mine	14,341	-	-	14,341(b)	-	-	2,650	235	34
Merilliini Coal Co.	Mine	6,610	-	-	6,610(h)	-	1,075	161	12	-
N. & M. Coal Co.	Mine	5,139	-	-	5,139(b) (o)	-	2,150	255	9	-
Motley Coal Co.	Mine	53,827	-	24,491	78,685 (p)	18,750	6,000	33,950	264	118
Erie Northwest Coal Co.	(B)	59,845	-	-	59,845(n)	-	6,000	18,400	220	102
Northwest Raymond	(B)	190,273	-	95,520	690	286,483(q)	-	17,000	182,250	243
Total for Co.		250,118	-	95,520	690	346,328	-	23,000	200,650	537

FIRST DISTRICT (CONTINUED)

SECOND DISTRICT

		Production - net tons			Pounds permissible explosives used			Days worked			Empl oyees		Non-fatal accidents during days of ability 60 days or more		
		Sold	Used at colliery	Total	Pounds black powder used	Pounds dynamite used	Total production	Days worked	Fatal accidents						
Shipped to market:		Local for steam and heat			:			:			:		:		
: railroad truck:		: mine			:			:			:		:		
Operators & collieries		County		:		:		:		:		:		:	
Ace Coal Co.															
T. L. Wackley, Inspector 1801 N. Washington Ave. Scranton, Pa.	(B)	Lacka.	7,047	7,448	3,624	360	18,479	-	3,100	35,250	257	57	-	2	
A. & F. Coal Co.	"	A. & F. Coal Co.	4,750	358	-	-	5,108(a)	-	1,200	14,400	179	10	-	-	
A. F. & L. Coal Co.	"	A. F. & L. Coal Co.	4,670	351	-	-	5,021(a)	-	2,450	2,100	241	9	-	-	
Albanese Coal Co.	"	Albanese Coal Co.	7,446	256	2,476	-	10,178(b)	3,850	900	11,125	283	16	-	-	
A. & R. Coal Co.	"	A. & R. Coal Co.	9,083	684	-	-	9,767(a)	-	125	11,600	241	11	-	-	
Beglin Coal Co.	"	Beglin Coal Co.	462	2,426	-	-	2,888(c)	-	-	5,500	247	6	-	-	
Mine		Blue Flame Coal Co.	10,935	3,842	-	-	14,777(d)	250	2,575	14,375	271	30	-	2	
C. & F. Coal Co.	"	C. & F. Coal Co.	9,991	752	-	-	10,743(a)	150	2,200	11,575	271	13	-	-	
Mine		Consalra Coal Co.	1,690	8,875	1,322	72	11,959	500	1,350	11,300	242	77	-	-	
Consalra (B)	"	Costanzo Coal Co.	599	3,142	-	-	3,741(c)	-	-	6,250	166	8	-	-	
Mine		DeAngelis Coal Co.	15,662	-	-	-	15,662(e)	-	-	-	174	12	-	-	
Bank		Falls Mining Co.	3,266	246	-	-	3,512(a)	-	-	4,925	249	6	-	-	
Mine		Gasparini Stripping Co.	16,876	5,929	-	-	22,805(d)	-	9,250	1,925	300	15	-	-	
Stripping		G. M. A. Coal Co.	12,544	944	-	-	13,488(a)	-	-	5,525	246	16	-	1	
Mine		Gravine Coal Co.	16,406	5,764	-	-	22,170(d)	250	2,350	35,575	293	30	-	1	
G. & S. Coal Co.	"	Hudson Coal Co.	10,076	758	-	-	10,834(a)	-	50	10,500	256	15	-	-	
Mine		Eddy Creek (B)	762,200	-	82,938	99,912	945,050	646,575	25,621	190,624	292	1081	2	17	
Guiducci Coal Co.	"	Lemencelli Coal Co.	1,148	325	-	-	1,473	-	-	2,400	213	6	-	-	
Mine														19	

SECOND DISTRICT (CONTINUED)

Operators & collieries	County	Production - net tons			Pounds permissible explosives used			Pounds dynamite used			Days worked			Employees			Non-fatal accidents dis- ability 60 days or more	
		Shipped to market		Used at colliery	Total	Pounds black powder		Pounds dynamite	Total	Pounds black powder		Total	Days worked		Employees		Fatal acci- dents	
		By railroad	truck	local	for steam	used	used	used	production	used	used	used	used	used	used	days		
Noose Mtn. Coal Co., Breaker (B)	Lacka. Bank	-	8,158	614	-	-	8,772	100	4,200	-	124	24	-	-	-	-	-	
Total for Co.		"	8,158	614	-	-	8,772	100	4,200	325	150	6	30	-	-	-	-	
Nay Aug Coal Co.	(B)	"	128,744	-	-	128,744	-	-	-	-	192	8	-	-	-	-	-	-
Ondrick Coal Co. Mine	"	1,853	2,492	-	-	4,345(f)	-	500	1,300	242	10	1	1					
P. & A. Coal Co. Mine	"	1,577	119	-	-	1,696(a)	-	-	2,100	69	8	-	-					
Pagnotti Coal Co.	"	3,382	-	1,253	-	4,635(h)	-	-	-	70	11	-	-					
Stripping Paschichio Coal Co. Mine (E)	"	496	998	-	-	1,494(c)	-	-	1,900	184	8	-	-					
Pennsylvania Coal Co. Underwood (B)	"	260,533	-	139,714	8,323	408,570(i)	5,625	30,325	377,450	292	723	4	9					
Perry Construction Co. Stripping	"	18,635	-	1,189	-	19,824(j)	-	11,000	-	-	97	15	-	-				
Pompey Coal Co. Pompey (B)	"	103,331	13,193	19,777	422	136,723(k)	64,025	48,825	167,775	296	201	-	2					
Red Creek Mining Co. Mine	"	11,868	893	-	-	12,761(a)	-	350	7,400	253	15	-	-					
Sobleskie Coal Co. Mine	"	6,551	-	4,368	-	10,919(l)	-	1,775	18,900	281	13	-	-					
Swader Coal Co. Mine	"	264.	1,389	-	-	1,653(m)	-	300	300	82	8	-	-					
Swoyer Coal Co. Mine	"	12,462	938	-	-	13,400(a)	-	150	12,075	229	26	-	-					
Touch Coal Co. Mine	"	429	2,252	-	-	2,681(c)	-	-	3,750	95	10	-	-					
Village Slope Coal Co. Mine	"	34,544	69,506	15,257	1,160	120,467(n)	15,600	10,500	109,000	271	111	-	2					
Vispi Coal Co. Stripping	"	7,754	1,368	-	-	9,122(o)	-	50	-	121	7	-	-					
V. & L. Coal Co. Mine	"	884	4,639	-	-	5,523(c)	-	400	5,075	261	7	-	-					
Total for district		1,502,247	161,966	271,918	110,249	2,046,380	736,925	171,621	1,093,874	2654	8	37						

SECOND DISTRICT (CONTINUED)

Operators & collieries	County	Production - net tons		Pounds permiss- able ex- plosives	Days worked	Empl- oyees	Fatal accidents	Non-fatal accidents dis- ability days or more
		Sold	Used at colliery					
		Shipped to market	By truck					
(B) Breaker				(h) Coal prepared at Number Nine breaker, 6th district.				
(a) Coal prepared at Moosic Mtn. breaker				(i) Includes 42,003 tons bank coal, prepared at Philadelphia breaker, 6th dist.				
(b) " Noosic Mtn. & Underwood breakers				(j) Coal prepared at Olyphant breaker, 1st district				
(c) " Consagra breaker				(k) Includes 5,323 tons striping coal				
(d) " Pompey				(l) Coal prepared at Underwood breaker				
(e) " Bolands	"			(m) Abandoned in April. Coal prepared at Consagra breaker.				
(f) " Consagra & Supreme Atch. breakers				(n) Coal prepared at Ace (2nd) and Morgan breaker, 2th district.				
(g) Formerly operated by Sherlock Coal Co.				(o) Coal prepared at Ace breaker				

THIRD DISTRICT

W. G. Ward, Inspector
119 First St., Blakely, Olyphant, Pa.

Operators & collieries	County	Production - net tons		Pounds black powder	Pounds dynamite	Days worked	Empl- oyees	Fatal accidents
		Sold	Used at mine					
Bellevue Coal Co.	(B)	123,523	-	-	-	-	-	-
Botscheller, L. J., Inc.	Lackawanna	3,301	-	-	3,301(a)	-	-	-
Mine	"	17,479	-	-	17,997	-	-	-
Bank	(B)	20,780	-	518	-	21,298	-	-
Total for Co.								
Butera Coal Co.	"	800	4,203	-	5,003(b)	-	-	-
Stripping								
C. & C. Coal Co.	"	7,773	-	940	48	8,761(c)	-	-
Mine	"							
DeAngelis Coal Co.	(B)	9,128	-	-	9,128	-	5,850	123
Mine	"	53,196 (#)	-	-	53,196(d)	-	1,125	125
Stripping							1,800	43
Bank	(B)	7,226	-	-	7,226	-	-	-
Total for Co.								
Denchy Coal Co.	"	69,550	-	-	69,550	-	1,925	1,125
Mine	"	2,648	-	-	2,648(e)	-	-	-
Gasparini Excavating Co.	"	20,697	7,272	-	27,969(f)	-	4,150	850
Stripping								
Giombetti Coal Co.	"	1,320	-	-	1,320(g)	-	-	-
E. T. Bank	"							

THIRD DISTRICT (CONTINUED)

THIRD DISTRICT (CONTINUED)

Operators & collieries	County	Production - net tons			Total production	Days worked	Employees	Pounds explosives used	Pounds dynamite used	Pounds black powder used	Pounds of steam	Used at colliery	Used at local for steam	Used at trade and heat	Non-fatal accidents during 60 days or more						
		Shipped to market:		Sold:																	
		By railroad	By truck	By											Total	Total	Total				
Supreme Anthracite Co.	(B) Lacka.	7,186	-	200	7,386	-	-	-	-	268	17	-	-	-	-	-	-				
Throop Lining Co.	"	3,980	20,893	-	24,873(o)	7,300	4,267	25,475	261	41	-	-	-	-	-	-	-				
Turnpike Coal Co.	"	21,874	1,905	11,479	-	35,258(n)	-	7,500	39,000	282	38	-	-	-	-	-	-				
Waddell Coal Co.	(B) "	5,991	-	-	-	5,991	-	-	-	92	10	-	-	-	-	-	-				
Bank Recovery	Total for district	1,922,151	94,239	219,613	63,211	2,299,214	28,725	138,567	1,282,900	3405	8	47	(h) Coal prepared at Von Storch, and waddell breaker (1st district)	(i) " Baker, and Moffat "	(j) " Number Nine "	(k) " Raymond "	(l) " Von Storch "	(m) " Waddell (1st) and Consagra "	(n) " Underwood "	(o) " Consagra "	(#) " Includes 13,032 tons, report during year as Hudson C.Co. Strip.
(B) Breaker													(p) Coal prepared at Baker breaker	(q) " Von Storch and Consagra (2nd district)	(r) " Waddell breaker (5th "	(s) " Bolands & Powderly breakers, (1st district)	(t) " Oliphant "	(u) " Pompey "	(v) " Moose Mt.n.	(w) "	(x) "
* Operated to June 1 by Penn Anthracite Co.													(j) "	(k) "	(l) "	(m) "	(n) "	(o) "	(p) "	(q) "	
(a) Coal prepared at Baker breaker													(i) "	(j) "	(k) "	(l) "	(m) "	(n) "	(o) "	(p) "	
(b) " Von Storch, and Consagra (2nd district)													(j) "	(k) "	(l) "	(m) "	(n) "	(o) "	(p) "	(q) "	
(c) " Moffat breaker (5th "													(j) "	(k) "	(l) "	(m) "	(n) "	(o) "	(p) "	(q) "	
(d) " Bolands & Powderly breakers, (1st district)													(j) "	(k) "	(l) "	(m) "	(n) "	(o) "	(p) "	(q) "	
(e) " Oliphant "													(j) "	(k) "	(l) "	(m) "	(n) "	(o) "	(p) "	(q) "	
(f) " Pompey "													(j) "	(k) "	(l) "	(m) "	(n) "	(o) "	(p) "	(q) "	
(g) " Moose Mt.n.													(j) "	(k) "	(l) "	(m) "	(n) "	(o) "	(p) "	(q) "	
% Bank coal																					

FOURTH DISTRICT DISCONTINUED, MINES TRANSFERRED TO OTHER DISTRICTS

FIFTH DISTRICT

T. D. Hees, Inspector R.D. 1, Box 54, Scranton, 11, Pa.																
B. & B. Coal Co.	Mine	Lacka.	2,290	580	219	-	-	3,089(a)	-	-	1,600	245	8	-	-	-
Brymbo Coal Co.	Mine	Luzerne	3,689	9	217	-	-	3,915(b)	-	-	5,220	125	17	-	-	-
Burke McGrath, Inc.	Archibald Bank	Lacka.	50,928	-	359	11	51,298(c)	-	-	-	283	10	-	-	-	-
Clinini Coal Co.	Mine	"	9,225	-	1,073	55	10,353(d)	-	-	5,100	292	10	-	2	23	-

FIFTH DISTRICT (CONTINUED)

Operators & collieries	County	Production - net tons			Pounds			Pounds			Non-fatal accidents			
		Shipped to market		Used at	black powder used		permissible explosives used		days worked		disability 60 days or more			
		By railroad	By truck	Colliery for steam and heat	Total production	Total	Pounds dynamite used	Total	Fatal accidents	Employed	Fatal accidents	Employed	Employed	
Cassidy & Guillorn Mine (B)	Lacka.	21,587	1,426	5,248	284	28,545(e)	-	4,425	24,550	201	109	-	1	
Continental Archbald C. Co.	"	109,763	-	11,-	9,331	119,094(f)	-	3,000	31,500	292	139	1	7	
Archbald Shaft	"	186,904	-	11,657	7,814	206,375(g)	-	150	253,250	292	334	-	4	
Continental Slope	"	296,667	-	11,657	17,145	325,469	-	3,150	284,750	473	1	11	-	
Total for Co.														
Florine Coal Co.	"	40,128	2,640	9,504	528	52,800(e)	-	100	34,325	266	66	-	1	
G. & M. Coal Co.	Parkside Breaker (B)	"	2,224	-	456	-	28	-	-	175	18	-	-	
"	Bank	"	2,224	-	456	142	28	2,850	-	57	4	-	-	
Total for Co.														
Greenwood Mining Co.	"	54,190	-	-	-	54,190(h)	-	31,450	57,550	289	79	-	-	
Hudson Coal Co.	(B)	"	162,982	-	181,857	11,787	356,626	40,475	11,350	162,600	291	642	1	
Jr. Cory Coal Co.	"	9,065	596	2,147	119	11,927(e)	-	2,450	11,500	214	42	-	6	
Kehoe-Berge Coal Co.	(B)	Luzerne	83,110	14,361	4,953	612	103,036	-	9,415	49,525	267	292	-	7
William A. No. 10 Tunnel	"	66,718	13,450	4,639	573	85,380(i)	-	3,500	74,800	267	189	-	1	
Stevens Shaft & #11	"	75,188	15,154	5,227	645	96,194(i)	-	10,425	98,675	268	145	-	2	
Seneca Shops	"	-	-	-	-	-	-	-	-	32,700	267	50	-	
Broadwell Hunter Seneca Strip.	Lacka.	22,415	5,232	1,804	223	29,674(i)	-	-	1,000	2,500	267	9	-	
Seneca Drift	"	6,376	1,285	443	55	8,159(i)	-	1,250	10,150	267	21	-	-	
Halstead Bank (k)	"	14,467	2,917	1,006	124	18,514(i)	-	-	-	205	5	-	-	
Seneca Bank	"	47,875	-	-	-	47,875(h)	-	1,642(i)	-	21	6	-	-	
Total for Co.		317,412	52,658	18,161	2,243	390,474	-	-	27,090	266,850	733	-	11	
Lacka. Mining & Constr. Co.	Lacka.	"	258	20	74	* 5	457(e)	-	400	-	173	6	-	
Mine	"	27,160	131	656	28	27,975(l)	-	1,675	-	198	5	-	-	
M. & D. Banks (t)	"	27,518	151	730	33	28,432	-	2,075	-	11	-	-	-	
Total for Co.														
Lockett Coal Co.	"	5,162	350	1,211	68	6,791(e)	-	400	-	117	20	-	-	
Lombardi, Dominick	"	3,537	-	-	-	3,537(i)	-	600	-	63	8	-	-	
Broadwell Stripping	"													

FIFTH DISTRICT (CONTINUED)

Operators & collieries	County	Production - net tons			Days worked	Employed miners	Pounds explosive used	Days dynamite used	Pounds black powder used	Days used	Pounds explosive used	Days dynamite used	Pounds black powder used	Days used	Pounds explosive used	Days dynamite used	Pounds black powder used	Days used	Pounds explosive used	Days dynamite used	Pounds black powder used	Days used	Pounds explosive used	Days dynamite used	Pounds black powder used	Days used	Non-fatal accidents dis-ability 60 days or more			
		Shipped to market		Sold																										
		By railroad	By truck	Used at colliery																										
Moffat Coal Co.	(B)	Lacka.	50,121	-	2,102	2,668	54,891	-	150	41,950	249	280	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
Moffat																														
Oxford Coal Co.																														
Oxford																														
Seneca Washery (B)	Luzerne	63,146	-	-	-	-	63,146	-	-	-	-	115	26	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Pyne-Taylor Coal Co.																														
Pyne																														
Taylor																														
Total for Co.			301,318	-	-	26,248	327,666	327,875	87,575	-	-	445	1	10																
Quinn & Walsh																														
Winton Dean Strip.	"	605	37	132	4	778(m)	-	300	600	125	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
A. J. Schrader, Inc.	"	42,525	-	4,301	221	47,047(d)	-	12,000	-	292	16	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
Pyne Stripping	"																													
Schreder Bros.	"	2,570	-	334	17	2,921(d)	-	2,100	-	145	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
National Stripping																														
Schuster Coal Co.	"	10,362	-	1,188	60	11,610(d)	-	-	8,700	292	15	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
H.B. Sproul Const. Co., Inc.	"	3,773	-	588	30	4,391(d)	-	-	2,550	75	8	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
Continental Strip.																														
Standard Breaker Corp. (B)	"	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
V. Coal Co.	"	22,630	4,047	1,168	297	28,142(o)	-	-	-	35,425	279	28	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
Mine																														
Waddell Coal Co.	"																													
Pyne Bank	"	3,454	-	-	-	-	3,454(p)	-	-	-	-	32	5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Total for district		1,507,108	62,950	242,338	61,946	1,874,342	168,350	185,215	943,270	3097	3	46																		

(B) Breaker
 (a) Coal prepared at Morgan and Standard breakers
 (b) Coal prepared at Morgan, Supreme (3rd), Black Diamond (10th)
 (c) Russell (6th) and Black Diamond (10th) dists.
 (d) Russell & Bolands (1st), Supreme (3rd), Russell (6th), Parkside and Russell (6th)
 (e) Moffat (5th), Von Storch (3rd) & Black Diamond (10th)
 (f) Moffat breaker
 (g) Morgan " (3rd)
 (h) Baker " (3rd) and Moffat breaker
 (i) Marvine " Marvine A breaker

(t) Operated by Florine Coal Co. to July.

SIXTH DISTRICT

Operators & collieries	County	Production - net tons			Pounds permissible explosives used	Days worked	Employ- ees	Pounds of dynamite used	Fatal acci- dents	Dis- ability days
		Sold to mines	Used at colliery for steam and heat	Total production						
		Shipped to market By railroad	Shipped to market By truck	Total production						
Adelphia Coal Co. Washery (B)	Luzerne	-	-	-	(a)	-	-	291	18	-
George Bone Coal Co.	"	64,032	-	-	64,032(b)	-	-	24	15	-
Silt Bank										
Delangelo Coal Co. Mine	"	8,398	-	-	8,398(c)	-	-	8,300	293	6
DesSanto Coal Co.	"	31,670	-	-	31,670(d)	-	-	-	213	4
Silt Bank										
Fritz Bros. Coal Co.	"	-	2,111	-	2,111(e)	-	200	-	155	4
Stripping										
Gillizzi Coal Co.	"	-	10,063	-	10,063(e)	-	5,000	200	132	6
Stripping										
Gravity Coal Co.	"	55,252	-	-	55,252(f)	-	-	-	79	11
Bank										
Guzzio Coal Co.	"	-	10,356	-	10,356(g)	-	-	9,000	211	12
Harris & Walsh Coal Co.	"	127,780	20,000	-	147,780(h)	-	9,250	-	254	32
Stripping										
Heidelberg Coal Co. Heidelberg (B)	"	71,117	22,132	11,741	1,098	106,088	-	7,800	31,250	287
" Stripping	"	4,779	-	-	4,779(i)	-	3,240	-	123	4
Total for Co.		75,896	22,132	11,741	1,098	110,867	-	11,040	31,250	167
Hillside Coal Co.	"	-	6,466	-	-	6,466(e)	-	5,475	1,300	241
Jenkins Coal Co. Mine	"	30,008	-	-	-	30,008(j)	-	1,800	35,600	293
Jernyn-Green Coal Co. Butler	"	123,641	-	-	858	124,499(k)	-	-	108,750	256
L. K. Coal Co. Stripping	"	40,000	23,750	-	-	63,750(l)	-	36,200	1,525	271
Major Coal Co. Mine	"	-	2,535	-	-	2,535(g)	-	-	2,750	179
M. B. Coal Co. Mine	"	3,220	-	-	-	3,220(m)	-	-	900	203
M. P. Coal Co. Mine	"	6,396	-	-	-	6,396(m)	-	-	1,400	252
Minichello Coal Co. Mine	"	-	3,119	-	-	3,119(n)	-	-	-	7

SIXTH DISTRICT (CONTINUED)

Operators & collieries	County	Production = net tons			Pounds			Pounds			Non-fatal accidents disability 60 days or more		
		Shipped to market		Used at	black		Permit- able ex- plosives		Fatal accidents	Empl- oyees	Days worked	Days used	
		By railroad	By truck	Colliery for steam and heat trade	Total production	Powder used	Dynamite used	Total production	black powder used	Total production	Days used	Days worked	
Nardone Coal Co.	Luzerne	7,335	-	-	7,335(j)	-	-	5,800	293	8	-	-	
Mine	"	394,707	-	142,030	539,805	83,575	297,207	286	867	6	23		
Number Nine Coal Co.	"	7,136	-	2,643	9,779(n)	6,425	-	180	10	-	-		
Number Nine (B)	"	47,786	-	-	47,786	-	-	164	8	-	-		
Stripping	"	"	"	"	"	"	"	"	"	"	"		
Washery (B)	"	"	"	"	"	"	"	"	"	"	"		
Total for Co.		449,629	-	144,673	3,068	597,370	-	90,000	297,207	885	6	23	
Pickaway Coal Co.	Luzerne	"	-	3,248	-	3,248(e)	-	-	1,300	230	6	-	
Mine	"	84,971	-	16,777	504	102,252	-	-	142,060	264	225	1	
Russell Coal Co.	(B) Lacka.	"	"	"	"	11,887(o)	-	250	17,800	293	12	-	
Sarf Coal Co.	Luzerne	11,887	-	-	-	1,677(m)	-	-	975	158	6	-	
Mine	"	1,677	-	-	-	3,513(n)	-	-	1,450	232	6	-	
Scandell Coal Co.	"	"	"	"	"	3,955(g)	-	3,150	1,975	225	8	-	
Mine	"	2,564	949	-	-	76,131(p)	-	4,400	34,050	254	76	-	
Sharr Coal Co.	"	"	"	"	"	22,178(q)	-	-	-	70	10	-	
Mine	"	-	3,955	-	-	1,376(n)	-	250	1,200	183	6	-	
Sussex Coal Co.	"	64,131	12,000	-	-	15,201(n)	-	1,150	8,800	283	11	-	
Mine	"	"	"	"	"	1,546	-	1,546(e)	1,225	178	5	-	
Valley View Coal Co.	Bank	"	"	"	"	"	"	"	"	"	"		
Vigilone Coal Co.	"	"	"	"	"	"	"	"	"	"	"		
Mine	"	-	1,376	-	-	"	"	"	"	"	"		
Warren Coal Co.	"	15,201	-	-	-	"	"	"	"	"	"		
Mine	"	"	"	"	"	"	"	"	"	"	"		
W. S. P. Coal Co.	"	"	"	"	"	"	"	"	"	"	"		
Mine	"	"	"	"	"	"	"	"	"	"	"		
Total for district		1,225,866	123,606	173,191	5,528	1,528,191	-	168,790	616,192	1772	7	32	
(B) Breaker		(e) Coal prepared at Russell breaker											
(a) Prepares coal from other districts		(f) " Gravity										5th district	
(b) Shipped, unprepared, to Russia		(g) " Standard										5th "	
(c) Coal prepared at Underwood breaker, 2nd district		(h) " Standard & Morgan										Heidelberg breaker	
(d) Sold unprepared		(i) " Heidelberg breaker										Ewan	
		(j) " Ewan										8th district	

SIXTH DISTRICT (CONTINUED)

SEVENTH DISTRICT

Andrew Wilson, Inspector
1491 River Road
Pittston, Pa.

Gaylord Coal Co.	Luzerne	20,933	-	-	1,628	22,561(a)	-	400	3,750	289	36	-
Mine	"	5,203	-	-	479	5,682(a)	-	-	-	152	8	-
Stripping	"	26,136	-	-	2,107	28,243	-	400	3,750	44	-	-
Total for Co.												
Glen Alden Coal Co.												
Avondale	"	164,228	-	-	12,857	177,085(a)	-	-	69,200	291	275	1
Bliss (B)	"	201,771	740	8,208	28,175	238,894	-	(7,000	110,250)	292	602	2
" Stripping	"	200,574	-	-	26,582	227,156	-	(6,500	303,500)	293	980	3
Loomis (B)	"	144,094	1,984	56,984	26,352	529,414	-	{ }	{ }	{ }	{ }	14
" "	"	32,150	-	-	1,779	33,949	-	2,250	50,625	289	442	17
Nottingham	"	197,242	-	-	15,511	213,053(a)	-	-	365	84	-	1
Nanticoke Power Plant	"											
Total for Co.		1,240,359	2,724	65,192	111,276	1,419,551	-	15,720	533,575	2383	24	27
Kingston Excavating Co.												
Mine	"	4,786	-	-	448	5,234	-	-	14,200	293	16	-
Total for district		1,271,281	2,724	65,192	113,831	1,453,028	-	16,150	551,525	2443	24	27

(B) Breaker
(a) Coal prepared at Lance and Woodward breakers, 12th district.

EIGHTH DISTRICT

Operators & collieries	County	Production - net tons			Pounds dynamite used	Pounds explosive used	Days worked	Employed	Fatal accidents	Non-fatal accidents	
		Sold	Used at	Colliery							
		Shipped to market:	to local trade	for steam and heat							
C. & G. Coal Co.	Luzerne	3,654	-	-	3,654(a)	-	825	575	142	16	
C. & G. Coal Co.	" Stripping	18,887	-	-	18,887(a)	-	2,900	-	262	7	
Total for Co.	" Total for Co.	22,541	-	-	22,541	-	3,725	575	23	-	
Jermyn-Green Coal Co.	No. 6	367,088	-	17,075	384,163(b)	-	7,000	263,850	253	730	
" Stripping	" 10,123	-	-	10,123(b)	-	-	147	9	-	7	
No. 14	(B) Total for Co.	75,488	152,500	89,544	217,522	-	-	297,925	254	710	-
Knox Coal Co.	Schooley	452,699	152,200	106,619	711,818	-	7,000	561,775	1442	1	14
P. & J. Coal Co.	P. & J.	470,903	-	-	470,903(c)	-	11,975	385,075	291	507	10
Pennsylvania Coal Co.	Ewen	60,000	-	-	60,000(a)	-	100	37,925	290	68	-
Plains-Hilldale Coal Co.	No. 14 Drifts	497,965	42,168	15,416	555,549(d)	-	20,141	305,725	293	958	-
" Stripping	Total for Co.	136,035	-	-	136,035(a)	-	4,500	97,500	290	197	1
Sarf Coal Co.	Rex	35,287	-	-	35,287(a)	-	31,000	-	299	18	-
Valley View Coal Co.	(e) Valley View Coal Co.	171,322	-	-	171,322	-	35,200	97,500	215	1	3
Breaker	(B) Breaker	13,579	-	-	13,579(a)	-	150	16,450	287	21	-
Total for district		66,122	1,607	-	67,729(f)	-	-	-	193	48	-
		1,755,131	-	196,275	122,035	2,073,441	-	78,591	1,405,025	3289	12
										28	

(B) Breaker
(a) Coal prepared at Ewen breaker(b) " " No. 14 " " Underwood, 2nd dist., Number Nine, 6th dist., and Ewen breaker
(c) " " " " Includes 80,065 net tons silt, prepared at Adelphia breaker, 6th dist.
(d) Operated January to April, inclusive, by Snyder Mining Co.
(f) Preparation plant. Prepared coal from banks in 8th dist.

T. M. Beaney, Inspector
316 Monument Ave.,
Wyoming, Penna.

NINTH DISTRICT

Operators & collieries	County	Production - net tons			Pounds			Non-fatal accidents		
		Shipped to market		Used at	Total	Pounds	Pounds	Fatal ability	Employed	Fatal accidents
		By railroad	By truck	Colliery for steam and heat	production	: black powder	dynamite used	days worked	oyes	60 days or more
Butter Tub Coal Co.	Luzerne	12,905	5,406	2,195	208	20,714(a)	-	-	258	36
Dial Rock Coal Co.	"	44,879	18,802	7,635	721	72,037	-	6,000	-	2
Dial Rock (B)	"							5,100	67,000	-
Harry E. Coal Co.	"	132,447	-	140,881	17,003	290,331	-	19,625	220,575	139
Harry E. (B)	"	3,707	-	-	-	3,707	-	-	286	550
Bank	"								14	6
Total for Co.		136,154	-	140,881	17,003	294,038	-	19,625	220,575	556
Kehoe-Berge Coal Co.	"	149,692	30,178	10,408	1,286	191,564(b)	-	9,525	144,850	263
Red Ash Shaft	"								384	1
Lehigh Valley Coal Co.	"	355,757	35,629	19,065	39,877	450,328(c)	-	59,950	207,350	269
Prospect (B)	"	339,298	-	15,451	34,880	389,629(d)	-	24,950	42,850	271
Westmoreland	"								675	2
" Stripping	"	2,127	-	-	-	2,127(d)	-	-	37	9
Total for Co.		697,182	35,629	34,516	74,757	842,084	-	307,900	250,200	1,589
Maltby Coal Co.	"	89,009	-	-	60	89,069(d)	-	175	63,100	288
Maltby	"								132	3
Payne Coal Co.	"	248,256	-	2,551	2,067	252,874(d)	-	1,853	301,850	236
Exeter	"								477	4
Sullivan Trail Coal Co.	"			-	-	-	-	-	477	18
Clear Spring (e)	"								289	-
Trafford Coal Co.	"	660	-	-	-	660	-	-	500	-
Kintz (B)	"								91	-
Total for district		1,378,737	90,015	198,186	96,102	1,763,040	-	344,178 1,054,075	3283	11
(B) Breaker										65
(a) Coal prepared at Dial Rock breaker										
(c) Includes 5,787 tons bank coal										

(B) Breaker
(a) Coal prepared at Dial Rock breaker
(c) Includes 5,787 tons bank coal

(b) Coal prepared at William A breaker, 5th district
(d) " " Prospect
(e) Repair shops

TENTH DISTRICT

Operators & collieries	County	Production - net tons			Pounds dynamite used			Pounds explosive used			Pounds explosive used			Non-fatal accidents during	
		Sold	Used at	Total	black	powder	dynamite	days worked	employed	days worked	employed	days worked	employed	60 days or more	
		Shipped to market:	to	for steam	production	used	used	used	oyes	accidents	days worked	employed	days worked	employed	
Alderson Mining Co.	Luzerne	-	12,673	-	-	12,673(b)	-	500	1,500	220	37	-	-	-	
Bernice White Ash Co.	Luzerne	-	7,453	-	-	34,362	27,186	500	-	157	87	-	-	2	
Connel	(B) Sullivan	17,371	9,538	-	-	(c)	-	-	-	113	8	-	-	-	
Black Diamond Colly, Inc.	-	-	-	-	50	2,912(d)	-	-	59	10	-	-	-	-	
Black Diamond (B) Luzerne	-	-	-	-	-	82,551(e)	-	7,775	56,225	232	112	-	-	1	
Blue Diamond Coal Co.	Blue Diamond (B) Sullivan	2,862	-	-	-	69,940(g)	-	18,075	68,750	268	131	-	-	2	
Capone Coal Co.	Miners Mills (B)(f) Luzerne	49,437	33,114	-	-	-	-	-	-	-	-	-	-	3	
Conlon Coal Co.	(B) " Madeira	59,078	-	10,433	429	-	-	12,420	57,400	239	145	-	-	-	
Duryea Anthracite Co.	Packer (B)	" 81,529	-	905	312	82,746(h)	-	-	-	-	-	-	-	-	
Ferraro & Glowacki	"	-	60,684	-	-	60,684(i)	-	-	-	121	10	-	-	-	
Port Bowley Bank	-	-	-	-	-	7,112(j)	-	-	-	54	10	-	-	-	
Florini Coal Co.	Stripping	-	-	39,946	938	182,596(k)	-	70,378	46,350	285	109	-	-	1	
Franklin Coal Mng. Co.	Mineral Spring (B) Luzerne	141,712	-	-	-	16,265(l)	-	4,700	23,000	234	35	-	-	-	
Greenwood Mining Co.	"	-	16,265	-	-	-	-	303,388(m)	310,100	15,219	80,800	291	373	7	
Laflin	Hudson Coal Co. (m)	276,077	-	6,818	20,493	58,487(n)	-	-	18,000	293	76	-	-	5	
Delaware	" 46,117	-	12,386	184	-	324,312(o)	175,750	4,478	57,984	291	446	2	-	-	
Laflin	" 248,003	-	55,224	21,095	-	-	-	-	-	-	-	-	-	-	
Pine Ridge	Total for Co.	570,197	-	74,218	41,772	686,187	485,850	19,697	156,784	895	2	12	-	-	
Lehigh Valley Coal Co.	Henry	" 398,335	11,652	-	40,706	450,693(q)	-	284,025	8,075	269	644	1	18	-	
Monahan Coal Co.	Loyalsock	Sullivan	268	920	1,211	-	2,399	150	50	-	106	20	-	-	
Pringle Coal Co.	East Boston (r)	Luzerne	10,483	-	-	10,483(s)	-	150	6,250	110	55	-	-	-	
West Side Coal Co.	West Side	"	-	32,209	-	32,509(t)	-	700	38,250	203	78	-	1	-	
Total for district	1,331,272	184,467	134,166	84,207	1,734,112	513,186	418,970	462,584	2386	3	40	-	-	-	

TENTH DISTRICT (CONTINUED)

ELEVENTH DISTRICT

Henry R. Owens, Inspector
50 Carverton Road, Trucksville, Pa.

Glen Alden Coal Co.													
Kidder Slope	Luzerne	164,790	-	15,995	180,785(a)	-	16,550	132,000	295	295	1	3	
Empire Shaft	"	136,168	-	13,127	14,295(a)	-	15,000	104,000	295	311	1	2	
S. Wilkes-Barre (B)	"	362,053	121	120,085	39,835	522,114	-	10,650	255,350	295	1010	4	14
A. E. Dick Stripping	"	139,552	-	13,881	153,733(a)	-	364,300	-	278	40	-	-	
Total for Co.		802,863	121	120,085	82,638	1,005,927	-	406,500	491,850	1656	6	19	
Hudson Coal Co.													
Baltimore N. 5	"	317,887	-	5,209	12,061	335,157(b)	188,700	30,315	102,925	{ 292	413	-	
" Bank	"	38,668	-	-	88	38,756(b)	-	-	-	{ 295	-	-	
A. E. Dick Stripping	"	85,847	-	-	-	85,847(b)	-	247,600	-	295	31	-	
Total for Co.		442,402	-	5,209	12,149	459,760	188,700	277,915	102,925	444	-	4	
Lehigh Valley Coal Co.													
Dorrance (B)	"	354,013	59,365	65,808	44,727	523,913	-	304,550	271	781	2	11	
Franklin	"	144,998	-	-	14,-030	158,428(c)	-	4,625	67,375	268	236	10	11
Stripping	"	26,282	-	-	-	26,282(c)	-	50,000	-	268	9	-	-
Total for Co.		524,693	59,365	65,808	58,757	708,623	-	359,1175	67,375	1026	12	22	
Total for Co.		524,693	59,365	65,808	58,757	708,623	-	359,1175	67,375	1026	12	22	

ELEVENTH DISTRICT (CONTINUED)

Operators & collieries	County	Production - net tons			Pounds			Pounds			Non-fatal accidents		
		Sold	Used at	Total	black	Pounds	Permit-	Fatal	accidents	dis-	ability	days	or more
(B) Breaker													
(a) Coal prepared at Huber breaker, 13th district													
(b) Coal prepared at Marvin breaker, 5th district													
(c) " Prospect " 9th "													

TWELFTH DISTRICT

E. C. Curtis, Inspector 52 Poplar St., Kingston, Pa.	Production - net tons			Pounds			Pounds			Pounds		
	Shipped to market :	Used at	Total	black	Pounds	Permit-	Fatal	accidents	dis-	ability	days	or more
B. & M. Construction Co.												
Mine	Luzerne	736	-	-	736(a)	-	900	300)	101	9	-	-
Stripping	"	1,396	-	-	1,398(a)	-	900	300)	9	-	-	-
Total for Co.		2,134	-	-	2,134	-	900	300)	9	-	-	-
Bird Mining Co.												
Nine	"	30,435	-	-	2,383	32,813(b)	-	925	15,000	290	31	-
Carey, Baxter & Kennedy	"	210,406	-	-	210,406(c)	-	362,875	-	298	90	-	-
Scrapping	"											
Courtdale Coal Co.	"	88,390	-	-	8,410	96,800(d)	-	4,525	90,475	267	93	-
Deweese Bros.	"	15,019	-	-	-	15,019(e)	-	13,500	-	259	10	-
Scripting	"											
Glen Alden Coal Co.	"	354,360	24,715	134,940	40,326	554,341	-	21,750	388,750	291	995	1
Lance	(B)	502,378	3,370	115,582	59,433	680,763	-	11,800	353,450	293	1470	1
Woodward	"	856,728	28,085	250,522	99,159	1,235,104	-	33,550	742,200	2465	2	23
Hudson Coal Co.												
Loree	(B)	832,916	-	35,577	45,683	914,176(g)	157,850	27,375	376,125	291	1350	3
Kingston Mining Co.	"	-	-	-	-	-	(e)	-	10,000	-	123	33
Seleski Coal Co.	"	3,706	-	-	-	3,706(c)f)	-	100	1,200	135	14	-
Mine	"											
Total for district		2,039,744	28,085	286,099	156,235	2,510,163	157,850	453,750	1,225,300	4095	5	48

- (B) Breaker
(a) Coal prepared at Harry E. (9th) and Black Diamond (10th)
(b) " Lance breaker
(c) " " Loree
- (d) Coal prepared at Woodward breaker
(e) No production. Development work
(f) Includes 185 tons mined and 3,521 tons stripping coal
(g) " 4,693 tons bank coal

THIRTEENTH DISTRICT

		Production - net tons			Pounds black powder used			Pounds dynamite used			Days worked			Empl oyees			Non-fatal accidents dis ability 60 days or more		
		Shipped to market:	Sold to colliery	Used at colliery	Total:	Local for steam	Total:	Trade and heat	Total:	Production:	Black powder used	Dynamite used	Days used	Empl oyees	Fatal acci dents	Fatal acci dents	Non-fatal accidents dis ability 60 days or more		
Operators & collieries	County	By railroad	By truck	Local	276,402	26,866	301,268	-	432,800	-	238,780	-	296	29	61	-	-		
A.E. Dick Contracting Co.																			
Huber Stripping	Luzerne	172,143	-	-	16,708	188,851(a)	-	-	194,020	-	-	298	32	-	-	-			
Truesdale	"	104,259	-	-	8,158	112,417(b)	-	-	238,780	-	-	296	29	-	-	-			
Total for Co.		276,402	-	-	26,866	301,268	-	-	432,800	-	-	296	29	-	-	-			
Glen Alden Coal Co.																			
Bottomwood	(B)	434,994	-	-	42,163	477,157(a)	-	-	42,200	257,000	294	838	4	9	-	-			
Huber	(B)	593,066	-	-	162,380	73,243	828,689	-	10,300	495,000	295	1458	6	17	-	-			
Sugar Notch	"	149,223	-	-	-	11,526	160,749(b)	-	4,250	74,750	295	225	1	4	-	-			
Truesdale	(B)	588,737	18	16,495	46,593	651,843(c)	-	-	75,925	386,500	295	1353	2	20	-	-			
Total for company		1,766,020	18	178,875	173,525	2,118,438	-	-	132,675	1,213,250	-	3874	13	50	-	-			
Kingston Excavating Co.																			
Stripping (Sugar Notch)	"	68,925	-	-	5,521	74,476(b)	-	-	39,050	-	-	299	17	-	-	-			
(Truesdale)	"																		
Total for district		2,111,377	18	178,875	203,912	2,494,182	-	-	604,525	1,213,250	-	3952	13	50	-	-			

(B) Breaker
 (a) Coal prepared at Huber breaker, Glen Alden Coal Co.

(b) Coal prepared at Truesdale breaker, Glen Alden Coal Co.

(c) Includes 4,259 tons bank coal

FOURTEENTH DISTRICT

		Production - net tons			Pounds black powder used			Pounds dynamite used			Days worked			Empl oyees			Non-fatal accidents dis ability 60 days or more		
		Shipped to market:	Sold to colliery	Used at colliery	Total:	Local for steam	Total:	Trade and heat	Total:	Production:	Black powder used	Dynamite used	Days used	Empl oyees	Fatal acci dents	Fatal acci dents	Non-fatal accidents dis ability 60 days or more		
Glen Alden Coal Co.	(B)	132,161	-	-	8,578	833	141,572	-	-	10,177	129,306	280	259	-	-	2			
Duryea Anthracite Co.																			
West End	"	16,134	-	-	-	-	16,134(a)	-	-	10,225	6,650	275	24	-	-	-			
" Stripping	"	13,820	-	-	-	-	13,820(a)	-	-	-	-	263	4	-	-	-			
" Bank	"	7,906	-	-	-	-	7,906(a)	-	-	-	-	104	10	-	-	-			
Total for Co.		27,860	-	-	-	-	37,860	-	-	10,225	6,650	-	38	-	-	-			
Glen Alden Coal Co.																			
Wanaue	(B)	691,342	15,786	14,953	59,506	781,587	-	-	53,750	417,500	293	1260	3	15	-	-			
" Stripping	"	179,984	-	-	14,781	194,765	-	-	275,919	-	299	36	-	-	-	-			
Total for Co.		871,326	15,786	14,953	74,287	976,352	-	-	329,669	417,500	1296	3	15	-	-	-			

FOURTEENTH DISTRICT (CONTINUED)

Operators & collieries	County	Production = net tons			Pounds black powder used	Pounds dynamite used	Days worked	Empl- oyees	Fatal acci- dents	Non-fatal accidents dis- ability 60 days or more
		Sold	Used at colliery for steam and heat	Total production						
		Shipped to market :	to local truck	Total production						
Stackhouse Coal Co.	Luzerne	60	-	13	-	73(b)	-	50	150	-
Stackhouse Susquehanna Collieries Div.										
M. A. Hanna Co. (B)	"	526,425	100,118	130,775	4,5,528	802,846	-	10,398	479,983	269
No. 7 " Stripping	"	25,740	-	-	25,740	-	-	500	-	1404
Glen Lyon (B)	"	510,129	7,042	15,760	56,471	589,402	-	134,025	272,061	13
"	"	79,914	-	-	79,914	-	-	120,555	-	882
Total for Co.		1,142,208	107,160	146,535	101,999	1,497,902	-	265,478	752,044	276
Total for district		2,183,615	122,946	170,079	177,119	2,653,759	-	615,599	1,325,650	20
(B) Breaker										
(a) Coal prepared at Packer breaker, 10th district										
(b) 60 tons prepared at Black Diamond breaker, 10th district										
Total for district		62,275	-	13,152	785	76,212	-	3,200	10,000	102
Total for Co.										1

Ralph Ditzler, Inspector
609 Grant St., Hazleton, Pa.

FIFTEENTH DISTRICT

Cabin Creek Coal Co.	Columbia	-	2,680	-	2,680(a)	-	425	-	229	-
Red Oak	"	500	-	-	500(a)	-	325	-	34	-
" Stripping	"	400	-	-	400(a)	-	-	-	75	-
" Bank	"	-	-	-	-	-	-	-	-	-
Total for Co.		3,580	-	-	3,580	-	750	-	17	-
C. Henry Altmaier										
Black Ridge Washery (B) Luz.	Luzerne	9,469	566	-	20	10,055(b)	-	-	166	-
Gowen Coal Co.	(B) Luzerne	47,678	-	9,152	785	57,615	-	-	-	-
" Stripping	"	8,189	-	3,000	-	11,189(a)	-	-	-	-
" Bank	"	6,028	-	1,000	-	7,028(a)	-	-	-	-
Western Lehigh Bank Columbia	Columbia	380	-	-	-	380(a)	-	-	-	-
Total for Co.		62,275	-	13,152	785	76,212	-	3,200	10,000	102

FIFTEENTH DISTRICT (CONTINUED)

FIFTEENTH DISTRICT (CONTINUED)

Operators & collieries	County	Production - net tons		Used at colliery for steam and heat	Total production	: Pounds black powder used	Pounds dynamite used	Days worked	Empl- oyees	Found permis- sible ex- plosives	Days used	Fatal acci- dents	Non-fatal accidents dis- abled 60 days or more	
		: Shipped to market	: Sold to By : local truck : trade											
		: By railroad												
Sandy Run Miners & Producers														
Upper Lehigh Breaker Luzerne(B)	"	67,344	1,545	3,515	360	72,764	-	10,500	-	207	25	-	-	-
Stripping Total for Co.		67,344	1,545	3,515	360	72,764	-	10,500	-	269	31	-	-	-
Total for district		1,344,379	192,126	128,303	38,880	1,703,688	-	1,304,656	161,350	2353	2	33		
(B) Breaker														
(a) Coal prepared at Gowen breaker														
(b) Includes 566 tons prepared at S. Tamauqua Coal Pockets, 18th district														

(B) Breaker
 (a) Coal prepared at Gowen breaker
 (b) Includes 566 tons prepared at S. Tamauqua Coal Pockets, 18th district

SIXTEENTH DISTRICT

Beaver Brook Coal Co.														
Beaver Brook Washery Luzerne (B)	44,232	3,396	-	200	47,828	-	-	-	1,000	221	13	-	-	-
" Stripping "	5,479	-	-	-	5,479	-	-	-	1,000	226	7	-	-	-
Total for Co.	49,711	3,396	200	53,307	-	-	-	1,000	20	20	-	-	-	-
Belle Vue Coal Co.														
Hill Top Washery (B)	"	57,446	-	-	-	57,446	-	-	-	179	11	-	-	-
Carbonizing Coal Co.	"	38,343	-	-	-	38,343	-	-	-	125	23	-	-	-
Carbonizing Washery (B)	"	70,923	1,609	22,903	3,085	98,520	-	13,000	15,000	80	497	1	2	-
Cranberry Improvement Co.	"	11,991	-	-	-	11,991	-	23,000	-	90	23	-	-	-
Cranberry (B)	"	23,561	-	-	-	33,561	-	575	-	80	30	-	-	-
" Stripping	"	7,361	-	-	-	7,361	-	-	-	80	17	-	-	-
Humboldt Bank														
Total for Co.	123,836	1,609	22,903	3,085	151,433	-	36,575	15,000	567	1	2			
Glen Alden Coal Co.														
Audenried (B)	"	4,391	463	300	512	5,696	-	4,233	-	292	22	-	-	-
Carbon SchuyL.	"	87,162	9,183	5,946	10,757	113,048	-	88,893	-	292	426	1	3	-
Luzerne SchuyL.	"	149,639	15,766	10,209	18,467	194,081	-	156,549	-	292	356	1	4	-
" Stripping	"	4,207	443	287	519	5,456	-	1,550	-	75	6	-	-	-
"	"	148,629	15,659	10,140	18,343	192,771	-	488,525	-	292	108	-	-	37

SIXTEENTH DISTRICT (CONTINUED)

Operators & collieries		Production - net tons			Pounds permissible explosives used			Days worked			Employ- ees			Pounds dyna- mite used			Fatal acci- dents			Non-fatal accidents			
County		Shipped to market	Sold to colliery	Used at colliery	Total	black powder used	Pounds dyna- mite used	Total	Days worked	Empl- oyees	918	2	7	(c)	(d)	(e)	(f)	(g)	(h)	(i)	(j)	(k)	
Glen Alden Total for Co.		394,028	41,514	26,882	48,628	511,052	-	739,750	-														
Humboldt Anthracite Co.																							
Humboldt (a) Luzerne		83,274	-	2,886	384	86,644(b)	-	19,500	1,300	147	237	-	1										
" Stripping(a)		3,174	405	93	85	3,757(c)	-	300	-	53	10	-	-										
Total for Co.		86,548	405	2,979	469	90,401	-	19,800	1,300	247	-	-	1										
Lehigh Valley Coal Co.																							
Humboldt Bank	"	-	2,991	2,483	31	31(e)	-	-	-	2	3	-	1										
Cranberry Stripping (d)	"	21,742	22	18	500	37,716(e)	-	-	-	65	13	-	-										
" Bank (d)	"	228			5	273(e)	-	-	-	2	3	-	-										
Total for Co.		21,970	3,013	2,501	236	38,020	-	-	-	19	-	-	1										
Payne Coal Co.																							
Spring Mountain (B)	"	24,652	4,418	1,019	757	40,846	-	21,550	-	264	154	1	8										
" Stripping	"	60,659	7,554	2,047	1,235	71,495(f)	-	537,425	-	261	36	-	-										
" Bank	"	1,712	218	50	371	2,351(g)	-	-	-	15	5	-	-										
Spring Brook		81,768	10,424	4,405	1,787	96,384(g)	-	40,000	-	264	172	-	-										
" Stripping		28,604	3,120	1,599	759	26,092(h)	-	78,750	-	261	20	-	-										
Total for Co.		207,395	25,744	7,120	4,909	245,168	-	677,725	-	287	1	8											
T. F. Steele Coal Co.																							
Colerainy Breaker (B)																							
Carbon	Luzerne	17,685	-	700	581	110	19,076(1)	-	-	5,200	1,500	146	38										
Cranberry	"	11,890	450	300	10	12,650	-	1,500	9,700	181	25	-	-										
Harwood	"	6,122	400	250	-	6,772	-	500	150	91	16	-	-										
Oneida	Schuyl.	48,517	3,800	1,500	100	53,917	-	32,500	11,500	217	139	-	2										
"	"	33,809	2,500	1,000	-	27,309	-	3,500	1,500	176	29	-	-										
Total for Co.		118,023	7,850	3,631	220	129,724(k)	-	43,200	24,350	247	-	-	2										
Trader Horn Coal Co.																							
Silver Brook	Luzerne	-	360	-	-	260(1)	-	100	-	105	5	-	-										
" Bank	"	16,128	-	-	16,128(m)	-	-	-	170	12	-	-											
Total for Co.		16,488	-	-	-	16,488	-	100	-	17	-	-	-										
Total for district		1,107,300	100,019	66,016	58,047	1,331,382	-	1,517,150	41,650	247	-	-	21										

(B) Breaker

(C) Coal prepared at Spring Mountain breaker

(D) Operated by Cranberry Improvement Co. to 5-1-47

(E) Coal prepared at Hazleton Shaft breaker, 18th district

(F) Coal prepared at Spring Mountain breaker

(G) Operated by Lattimer Coal Corp. to 6-18-47

(H) 63,804 tons prepared at Spring Mountain breaker, 22,840 at Hazleton

(I) Coal prepared at Hazleton Shaft breaker, 18th district

SIXTEENTH DISTRICT (CONTINUED)

Operators & collieries		Production - net tons			Pounds			Pounds		
		Sold	Used at		Pounds	permiss-	permis-	permiss-	permis-	
Shipped to market		to	colliery		black	dynamite	black	dynamite	dynamite	
By	By	local	for steam	Total	powder	explosives	powder	explosives	explosives	
County	truck	trade	and heat	production	used	used	used	used	used	
65,116 tons prepared at Spring Mountain and 6,379 tons at Hazleton Shaft breaker										
Coal prepared at " and 18,592 "		"	"							
15,500 tons prepared at " and 8,825 "		"	"							
10,251 " Coleraine		"	"							
(f) Employees included with Cranberry Improvement Co., which operated to 5-1-47										
(g) Cranberry Improvement Co. the balance at Coleraine breaker										
(h) 92 tons prepared at Beaver Brook breaker and 268 tons at Wessner breaker, 20th district										
(i) 95 tons prepared at Beaver Brook, 6,227 tons at Dreiberville (18th), 6,070 tons at Hillside (18th) and 1,736 tons at S. Tamaqua Coal Pockets, (18th)										
(j) 9,257 tons prepared at Cranberry breaker, of Cranberry Improvement Co. the balance at Coleraine breaker										
(k) 60 days										
(l) 60 days										
(m) 60 days										
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SEVENTEEN DISTRICT

W. J. Clements, Inspector
25 Riddle St., Coaldale, Pa.

(B) Breaker
(a) Bank coal

EIGHTEENTH DISTRICT

Non-fatal accidents		Production - net tons		Pounds permissible explosives used		Pounds dynamite used		Days worked		Employ- ees		Fatal acci- dents		
Operators & collieries	County	Shipped to market :	Sold to colliery	Used at local for steam trade and heat	Total production	black powder used	black powder used	days worked	days worked	Expl- orers	Fatal acci- dents			
Bell Colliery Co.		Schuyl.	2,500	2,800	700	-	6,000(a)	-	4,000	12,000	20	96	-	-
Bell Slope		"	8,243	24,906	825	-	23,974(c)	-	32,000	33,000	190	94	-	1
Brockton Coal Co.														
Patterson Tunnel (b)		"												
Coal Bain Coal Co.														
Coal Bain (B)		Carbon	9,593	9,982	5,142	-	24,717	-	8,650	37,000	213	73	1	-
" Stripping		"	11,040	11,488	5,918	-	28,446	-	-	-	152	17)	-	-
" Bank		"	105	109	56	-	270	-						
Total for Co.			20,738	21,579	11,116	-	53,433	-	8,650	37,000	90	1		
Fairclough Mining Corp.														
Stripping		"	-	14,756	-	-	14,756(d)	-	-	-	194	21	-	-
Haddock Mining Co.														
Beaver Meadow (B)		"	84,397	92,733	8,602	4,032	189,764	-	37,800	202,400	246	553	-	5
" Stripping		"	58,718	-	-	-	58,718	-	53,300	-	246	41	-	-
Total for Co.			143,115	92,733	8,602	4,032	248,482	-	91,100	202,400	250	594	-	5
Haven Coal & Supply Co.														
S. Tamaqua Washery (B)		Schuyl.	3,147	-	-	-	3,147	-	-	-	46	9	-	-
Tuscarora (B)		"	-	21,576	-	-	21,576	-	-	-	250	6	-	-
Total for Co.			3,147	21,576	-	-	24,723	-	-	-	15	-		
Hillside Coal Co.														
Breaker (B)		"	-	-	-	-	(e)	-	-	-	300	23	-	-
Lehigh Navigation Coal Co.														
Nequhonning (B)		Carbon	340,011	61,570	24,559	14,549	440,689	-	484,200	28,725	249	1130	-	17
" Stripping		"	238,346	-	-	-	238,346	-	361,085	-	249	114	-	-
" Bank		"	70,412	-	-	-	70,412	-	-	-	249	24	-	-
Total for Co.			648,769	61,570	24,559	14,549	749,447	-	845,085	28,725	1268	-	17	
Lehigh Valley Coal Co.														
Hazleton Shaft (B)		Luzerne	591,156	55,701	46,233	89,719	782,809	-	211,100	129,475	248	1520	2	30
" Stripping		"	117,818	11,101	9,214	2,015	140,148	-	160,451	-	276	71	-	-
" Bank		"	50,074	4,718	3,916	2,645	61,353	-	575	-	229	19	-	-
Total for Co.			759,048	71,520	59,363	94,379	984,310	-	372,126	129,475	1610	2	30	
Mountain Top Coal Co.														
Carbon (b)		Schuyl.	-	-	-	-	-	-	-	-	262	59	-	-
" Stripping		"	80,202	46,049	8,952	-	-	-	-	-	262	86	-	-
" Bank		"	16,296	6,479	1,619	-	135,303	24,725	-	-	167	20	-	-
Total for Co.			96,298	52,528	10,571	100	159,597	29,725	-	-	165	-		

EIGHTEENTH DISTRICT (CONTINUED)

Operators & collieries	County	Production - net tons			Pounds black powder used	Pounds dynamite used	Days worked	Empl- oyees	Non-fatal accidents dis- ability 60 days or more
		Shipped to market By railroad	Sold to local truck	Used at colliery for steam and heat					
Norvidas & Patrick Washery (B)	Carbon	23,478	-	-	23,478	-	-	140	8
Philadelphia & Reading Coal & Iron Co.	Schuyl.	200,079	-	-	1,448	200,979(f) 247,493(f)	-	1,043,620 219,800	291 288
Reevesdale Stripping Tunnel	"	246,045	-	-	1,448	447,572	-	1,263,420	212 205
Total for Co.		446,124	-	-					8
Stefonick & Falkovitch Stripping	"	-	62,327	-	62,327(g)	-	84,800	-	149 39
S. Tamaqua Coal Pockets Breaker (B)	"	7,917	8,290	-	-	16,207	-	-	204 9
Winton Coal Mining Co.	"	-	-	-	-	-	-	-	-
Nyrtle (B)	"	59,860	-	-	-	59,860	-	-	218 27
Stripping " Bank	"	29,150	2,719	100	41,969	-	-	218 27	-
Total for Co.		99,010	2,719	-	100	101,829	-	-	71 - 3
Total for district		2,258,487	437,304	115,736	114,608	2,926,135	-	2,780,906 4,73,425	4408 3 64

- (B) Breaker
 (a) Coal prepared at Carbon breaker, Tuscarora Strip. & Mining Co., which operated to April. Bell Slope abandoned 2-1-47
 (b) Operated by Tuscarora Strip. & Mining Co. from Jan. to Apr.
 (c) Coal prepared at various breakers
- (d) Coal prepared at Coleraine breaker, 16th district
 (e) Prepared coal from other districts
 (f) Coal prepared at St. Nicholas breaker, 20th district
 (g) " Carbon breaker, Mountain Top Coal Co.

NINETEENTH DISTRICT

T. A. Ryan, Inspector
 1243 W. Norwegian St., Pottsville, Pa.
 Beckville Coal Co. (B) Schuyl. 6,663 8,193 73 - 14,929 - 4,200 1668 27 -
 Beckville, Timothy Stripping " 20,210 7,110 899 - 28,219(a) - 940 - 217 11 -

NINETEENTH DISTRICT (CONTINUED)

Operators & collieries	County	Production - net tons			Days worked	Empl oyees	Pounds dynamite used	Pounds fuses used	Pounds black powder used	Pounds explosive used	Non-fatal accidents dis ability 60 days or more
		Shipped to market:		Used at							
		By railroad	By truck	Colliery							
C. & D. Coal Co.	Schuyler.	-	1,190	-	-	1,190(b)	-	-	390	70	5
Mine											-
Colitz Coal Co.	(B)	"					6,200	-	472,766	1,100	108)
Stripping		"					192,915				1
Total for Co.		84,567	99,428	15,000	120	192,115	-	472,766	1,100	108	1
Confair Coal Co.		"	-	2,650	-	-	2,650(c)	-	-	900	172
Darkwater Coal Co.		"	9,100	1,980	1,150	385	12,615	-	-	2,600	129
Wolf Creek	(B)										-
Delaware Mining Co.	Mine	"	-	2,947	-	-	2,947(a)	-	-	.750	224
Eagle Hill Coal Co.		"	-	-	-	-	(d)	-	-	-	6
Eagle Hill	(B)										-
Frackville Coal Co.		"					9,982	-	5,040	2,850	101
Lucanna	(B)	(e)					7,400	-	-	56	22
Stripping							2,181			56	10
Bank											-
Total for Co.		15,864	2,269	1,023	407	19,563	-	5,040	2,850	133	-
Haddock Mining Co.											-
Salem Hill	(B)										-
Bank											1
Hollow Coal Co.											-
Mine											-
Indian Run Coal Co.											-
Indian Run	(B)										-
Jefferson Coal Co.		"	-	986	-	-	9,500(f)	-	-	3,800	283
Keller Coal Co.		"	-	2,110	-	-	16,181	-	-	3,100	285
Mine											-
X. M. F. Coal Service											-
K. M. F. (B)											-
Linde (C.) & Son		"	-	9,640	200	-	9,840	-	-	210	68
Stripping											-
Lohb Coal Co.		"	4,810	6,110	200	-	11,120(a)	-	3,800	-	95
Pine Ridge	(B)	"	8,700	-	-	-	8,700	-	775	4,725	199

NINETEENTH DISTRICT (CONTINUED)

Operators & collieries	County	Production - net tons			Pounds			Pounds			Pounds			
		Shipped to market:		Used at	permiss-		black		dynamite		Days	Employed	accidents	
		By railroad	By truck	Colliery	Total	for steam	Total	powder	explosives	used	worked	oyes	Fatal	
Lykens Coal Co.	Schuyl.	16,720	7,890	704	-	25,314	-	75	8,500	185	52	-	1	
Skirtop (B)	"	-	2,100	-	-	2,100(f)	-	-	860	97	6	-	-	
Matleska Coal Co.	Mine	"	200	-	-	200	-	-	-	5	24	-	-	
Mid-Valley Coal Co.	Marlin (B)	"	3,910	1,620	710	-	6,240(g)	-	3,600	-	213	10	-	
Millard Coal Co.	Mine	"	62,190	19,620	1,210	-	83,020(h)	-	31,150	-	263	48	-	
Miller Contracting Co.	Stripping	"	-	-	-	-	394	-	-	-	26	(1)	-	
Mine Hill Coal Co.	Marlin (B) (i)	"	394	-	-	-	140,299	-	67,800	48,400	224	319	-	
Moree-New Boston Breaker Corp.	Morea (B)	Stripping	103,170	35,100	6,235	3,628	148,133	-	67,800	48,400	320	-	5	
Total for Co.														
Mt. Laffee Coal Co.	Mine	"	-	9,410	-	-	9,410(c)	-	-	2,800	256	10	-	
Onyx Coal Co.	Mine	"	9,600	8,910	2,300	-	20,810(j)	-	-	17,920	257	19	-	
Peach Mountain Coal Co.	Mine	"	-	4,370	-	-	4,370(c)	-	-	450	181	10	-	
Penna Coal Co.	Penna (B)	"	20,200	-	10,100	4,00	30,700	-	-	8,700	266	24	-	
Philadelphia & Reading Coal & Iron Co.	Oak Hill (B)	Stripping Bank	893,294	159,904	68,520	9,495	1,131,223	-	112,160	74,375	287	508	1	13
Total for Co.														
Repllier Coal Co.	New Castle Stripping Bank	"	99,250	38,600	12,000	250	150,100(h)	-	3,921,567	74,375	1081	1	13	
Schoener, Carl Stripping	"	14,820	-	-	-	-	14,820(b)	-	18,650	58,700	202	208	2	

NINETEENTH DISTRICT (CONTINUED)

Operators & collieries	County	Production - net tons			Pounds permiss- ible ex- plosives used	Pounds dynamite used	Days worked	Empl- oyees	Non-fatal accidents dis- ability 60 days or more
		Sold	Used at colliery	Total					
		Shipped to market : By railroad	By local truck	for steam and heat production					
Sheva Coal Co. Mine	Schuyl.	-	2,440	-	2,440(c)	-	820	155	-
S. & J. Coal Co. Mine	"	-	12,170	-	12,170(g)	-	3,120	257	-
Spaniard, Lewis Stripping	"	-	15,187	-	15,187(l)	-	2,100	-	-
St. Clair Coal Co. St. Clair (B) Stripping Bank	"	-	-	-	232,583 202,412 334,209	- - -	10,950 902,778 -	152,000 288 -	94 22 -
Total for Co.		614,779	124,552	24,580	5,293	769,204	913,728	152,000	850
Susan Coal Co. Mine	"	-	7,770	-	7,770(a)	-	4,800	273	8
Total for district	2,034,246	602,776	155,190	20,201	2,812,413	-	5,481,026	422,775	3409
(B) Breaker						(g) Coal prepared at Penna breaker (h) " Eagle Hill and Morea breakers			
(a) Coal prepared at Eagle Hill breaker						(i) Operated part of year by Mid-Valley Coal Co., both companies with same number of employees			
(b) " " Salem Hill						(j) Coal prepared at Morea breaker			
(c) " Indian Run						(k) 74,352 tons prepared at Westwood breaker, 25th district, 705,308 tons at Oak Hill breaker and 76,880 tons at St. Nicholas (20th)			
(d) Preparation only						(l) Coal prepared at Eagle Hill and Salem Hill breakers			
(e) Ceased operation in April									
(f) Coal prepared at Colitz	"								

- (B) Breaker
 (a) Coal prepared at Eagle Hill breaker
 (b) " " Salem Hill
 (c) " Indian Run
 (d) Preparation only
 (e) Ceased operation in April
 (f) Coal prepared at Colitz
- (g) Coal prepared at Penna breaker
 (h) " Eagle Hill and Morea breakers
 (i) Operated part of year by Mid-Valley Coal Co., both companies with
same number of employees
 (j) Coal prepared at Morea breaker
 (k) 74,352 tons prepared at Westwood breaker, 25th district, 705,308 tons
at Oak Hill breaker and 76,880 tons at St. Nicholas (20th)
 (l) Coal prepared at Eagle Hill and Salem Hill breakers

TWENTIETH DISTRICT

J. H. Morgan, Inspector
326 Washington St.
Frackville, Penna.

Alpec Coal Co. Park #1 " Stripping	Total for Co.	Schuyl.	5,555	708	1,63	170	6,596(a)	-	2,240	4,480	33	129	-
		"	50,456	6,394	1,541	697	59,088(a)	-	22,400	-	168	47	-
Atkins Coal Co. Breaker (B)	"	58,432	16,566	1,246	-	76,224	-	-	-	-	279	16	-

TWENTIETH DISTRICT (CONTINUED)

TWENTIETH DISTRICT (CONTINUED)

TWENTY-FIRST DISTRICT

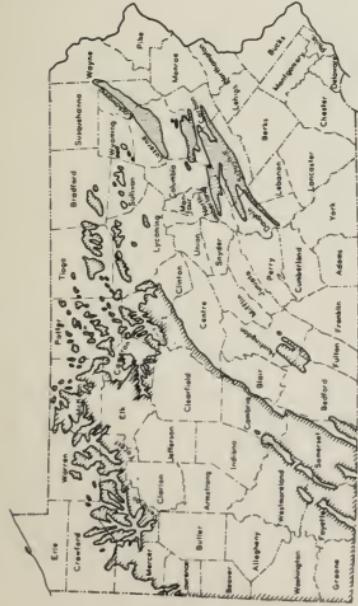
Operators & collieries	County	Production - net tons						Pounds permissible explosives						Non-fatal accidents dis- ability					
		Shipped to market :		Used at		Total		Pounds black powder used		Pounds dynamite used		Days worked		Empl- oyees		Fatal acci- dents			
		By railroad	By truck	local trade	for steam and heat	Total production	production	used	used	used	used	days	days	worked	days	days	days		
Alarcon, Frank Mine	Schuyl.	9,268	973	163	76	10,480(a)	-	-	-	200	15,200	203	12	-	-	-	-		
Blackwood Coal Co. (B) Stripping Bank	"	1,549	11,089	-	141	12,779	-	-	-	-	-	192	44	-	-	-	-		
	"	23,541	99,164	-	1,000	123,705	-	-	-	-	-	210	35	-	-	-	-		
	"	9,879	39,017	-	500	49,396	-	-	-	-	-	192	27	-	-	-	-		
Total for Co.		34,969	149,270	-	1,641	185,880	-	-	-	-	-	12,000	-	-	-	106	-		
Borelli Coal Co. Mine	"	-	8,160	-	-	8,160(b)	-	-	-	25	4,250	213	12	-	-	-	-		
Bosack Coal Co. Mine	"	9,650	7,207	-	-	16,857(c)	-	-	-	14,600	6,575	207	21	-	-	-	1		
Branch Coal Co. Mine	"	3,500	2,451	-	-	5,951(d)	-	-	-	5,100	3,800	243	20	-	-	-	-		
Branchdale Coal Co. (B) Stripping Bank	"	54,128	9,853	167	419	64,567	-	-	-	49,100	7,125	224	199	-	-	-	4		
	"	4,620	805	15	46	5,486	-	-	-	-	-	59	20	-	-	-	-		
	"	70,483	12,314	251	615	83,663	-	-	-	-	-	224	32	-	-	-	-		
Total for Co.		129,231	22,972	433	1,080	153,716	-	-	-	49,100	7,125	251	-	-	-	4	-		
Buck Run Colliery Co. (B) Stripping Bank	"	130,829	10,762	4,044	4,047	149,682	-	-	-	84,650	27,525	210	395	-	-	-	5		
	"	202,873	16,689	6,272	5,271	231,105	-	-	-	-	-	210	58	-	-	-	-		
	"	21,353	1,756	660	653	24,422	-	-	-	-	-	210	10	-	-	-	-		
Total for Co.		355,055	29,207	10,976	9,971	405,209	-	-	-	84,650	27,525	463	-	-	-	5	-		
B. & W. Coal Co. (B) Cano Coal Co. Mine	"	-	14,974	-	97	-	15,071	-	-	675	2,700	264	13	-	-	-	-		
Carroll, Steve Mine	"	-	9,028	-	-	-	9,028(e)	-	-	550	3,390	238	10	-	-	-	-		
Dando, J. P. Stripping Dantas, Alfred Mine	"	-	2,136	-	-	-	2,136(e)	-	-	-	2,500	200	6	-	-	-	-		
Dattilio, Camillo Mine	"	6,482	533	200	190	7,405(f)	-	-	-	850	9,600	252	14	-	-	-	-		
D. & B. Coal Co. (B) Stripping Bank	"	5,041	1,105	291	-	6,437	-	-	-	-	-	241	23	-	-	-	-		
	"	27,442	11,426	933	-	39,801	-	-	-	-	-	240	28	-	-	-	-		
	"	2,199	915	-	-	12,000	-	-	-	-	-	3,189	10	-	-	-	-		

TWENTY-FIRST DISTRICT (CONTINUED)

Operators & collieries	County	Production - net tons			Pounds permissible explosives used			Pounds dynamite used			Pounds black powder used			Non-fatal accidents		
		Shipped to market:		Used at colliery	Total production	Pounds black powder used		Pounds dynamite used	Days worked	Fatal accidents	Disability days	Days worked	Fatal accidents	Disability days	or more	
		By railroad	By truck	for steam trade and heat	Total production	By railroad	By truck	By railroad	days worked	By railroad	By truck	By railroad	By truck	days worked		
Total for D. & B. Co.		34,682	13,446	1,299	-	49,427	-	-	12,000	-	-	61	-	-		
Declerico, Angelo Mine Dowdertown Coal Co. Breaker (B)	Schuyl.	2,000	125	-	-	2,125(c)	-	-	2,300	86	6	-	-	-		
Ebert, George Mine Falls Coal Co.	"	-	35,269	2,000	-	37,269(g)	-	-	-	277	13	-	-	-		
Mine Farley-Laychack Mine Hoy, Richard Mine Indian Head Coal Co. Indian Head (B) Stripping	"	-	7,030	103	-	7,133(e)	-	-	8,025	253	13	-	-	-		
"	-	4,290	302	-	-	4,592(h)	-	-	2,550	272	11	-	-	-		
"	9,250	7,106	-	-	-	16,356(i)	-	-	150	6,000	257	25	-	-		
"	-	2,340	-	-	-	2,340(g)	-	-	2,200	228	5	-	-	-		
"	145,915 167,813	22,785 34,220	3,250 7,250	859 1,160	172,809 210,443	-	-	40,300 774,002	126,650 10,000	246 246	305 102	-	-	8		
Total for Co.		313,728	57,005	10,500	2,019	383,252	-	-	814,302	136,650	407	-	-	8		
Live Oak Coal Co. Breaker (B)	"	21,536	19,450	4,308	-	45,294(g)	-	-	-	-	257	13	-	2		
Macario, John Mine Mine Hill Coal Co.	"	8,151	248	195	26	8,620(j)	-	-	150	3,425	227	11	-	-		
"	-	9,375	-	-	-	9,375(e)	-	-	12,500	12,000	225	16	-	-		
Mine Morgan, Irving Stripping	"	21,746	2,858	176	9	24,789(k)	-	-	14,500	-	200	20	-	-		
M. & S. Coal Co. Mine M. V. M. Coal Co. Mine Necho Coal Co. Correale (B) Stripping	"	207,597	-	-	600	208,197(l)	-	-	50,850	42,000	264	251	-	9		
"	2,210	2,110	-	-	-	4,320(b)	-	-	1,200	187	8	-	-	-		
"	54,341 98,961	3,606 5,994	500 1,000	200 450	58,647 106,405	-	-	112,000 147,300	5,825 -	203	177	-	2			
Total for Co.		153,302	9,600	1,500	650	165,052	-	-	259,300	5,825	291	-	-	2		
Penag Coal Co. Penag (B)	"	8,220	7,198	-	-	15,418	-	-	100	4,800	246	32	-	-		
Phoenix Coal Co. Phoenix (B) Stripping	"	193,498 16,426	5,885 4,499	4,637 594	603 52	204,623 17,371	-	-	5,150 2,500	87,500	235 85	339 -5	-	3		

COMMONWEALTH OF PENNSYLVANIA

DEPARTMENT OF MINES



Approximate Colchester Section
Anthracite Coal Bed - Southern Field
Vertical Scale 1^{1/2} Miles.

BUTTERMINUS REGION

ANTHRACITE REGION		
PRODUCTION		
YEAR	NET TONS	EMPLOYEES
1880	33,391	73,373
1885	16,364,440	44,143
1890	2,314,692	36,232
1895	40,610,013	60,320
1899	51,816,350	64,078
1900	100,735	66,948
1905	119,361,314	16,326
1910	148,710,058	19,3486
1915	160,929,085	16,124
1920	185,208,168	19,20
1925	185,566	16,146
1930	123,417,650	13,734
1935	91,240,273	10,259
1940	110,164,133	11,114
1945	110,417,947	13,237
1950	176,891,944	11,5347
1955	117,559	11,286
1960	117,532	11,286
1965	117,532	11,286
1970	117,532	11,286
1975	117,532	11,286
1980	117,532	11,286
1985	117,532	11,286
1990	117,532	11,286
1995	117,532	11,286
2000	117,532	11,286
2005	117,532	11,286
2010	117,532	11,286
2015	117,532	11,286
2020	117,532	11,286
2025	117,532	11,286
2030	117,532	11,286
2035	117,532	11,286
2040	117,532	11,286
2045	117,532	11,286
2050	117,532	11,286
2055	117,532	11,286
2060	117,532	11,286
2065	117,532	11,286
2070	117,532	11,286
2075	117,532	11,286
2080	117,532	11,286
2085	117,532	11,286
2090	117,532	11,286
2095	117,532	11,286
2100	117,532	11,286
2105	117,532	11,286
2110	117,532	11,286
2115	117,532	11,286
2120	117,532	11,286
2125	117,532	11,286
2130	117,532	11,286
2135	117,532	11,286
2140	117,532	11,286
2145	117,532	11,286
2150	117,532	11,286
2155	117,532	11,286
2160	117,532	11,286
2165	117,532	11,286
2170	117,532	11,286
2175	117,532	11,286
2180	117,532	11,286
2185	117,532	11,286
2190	117,532	11,286
2195	117,532	11,286
2200	117,532	11,286
2205	117,532	11,286
2210	117,532	11,286
2215	117,532	11,286
2220	117,532	11,286
2225	117,532	11,286
2230	117,532	11,286
2235	117,532	11,286
2240	117,532	11,286
2245	117,532	11,286
2250	117,532	11,286
2255	117,532	11,286
2260	117,532	11,286
2265	117,532	11,286
2270	117,532	11,286
2275	117,532	11,286
2280	117,532	11,286
2285	117,532	11,286
2290	117,532	11,286
2295	117,532	11,286
2300	117,532	11,286
2305	117,532	11,286
2310	117,532	11,286
2315	117,532	11,286
2320	117,532	11,286
2325	117,532	11,286
2330	117,532	11,286
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TWENTY-FIRST DISTRICT (CONTINUED)

		Production - net tons			Pounds permissible explosives used			Days worked			Empl- oyees			Non-fatal accidents dis- ability	
		Shipped to market:	Sold to mines	Used at colliery	Total production	Pounds black powder used	Pounds dynamite used	Total days worked	Fatal acci- dents	Fatal acci- dents	Empl- oyees	Days worked	Non-fatal accidents dis- ability	60 days or more	
Operators & collieries	County	By railroad	By truck	Total and heat production											
Total for Phoenix C. Co.		209,924	6,384	5,031	655	221,994	-	7,650	87,500	364	-	-	-	3	
Renninger Coal Co.	Schuyl.	4,300	2,001	1,200	200	7,701(c)	-	700	12,600	243	14	-	-	-	
Mine	"	3,100	1,200	100	-	4,400(c)	-	1,400	3,975	228	8	-	-	-	
Renninger, Howard	"	4,724	389	146	158	5,417(f)	-	220	7,000	210	11	-	-	-	
Mine	"	-	-	4,131	-	4,131(m)	-	-	4,000	210	5	-	-	-	
Rossi, Ralph	"	-	-	1,041	-	1,041(c)	-	-	550	56	7	-	-	-	
Mine	"	-	-	5,252	-	5,252	-	450	-	238	32	-	-	-	
Salem, James	"	-	-	1,636	-	1,636	-	-	95	15	-	-	-	-	
Schell, C. A.	"	-	-	-	-	-	-	-	-	-	-	-	-	-	
Mine	"	-	-	-	-	-	-	-	-	-	-	-	-	-	
Schrader Coal Co. (B)	"	-	-	-	-	-	-	-	-	-	-	-	-	-	
Stripping	"	-	-	-	-	-	-	-	-	-	-	-	-	-	
Bank	"	-	-	-	-	-	-	-	-	-	-	-	-	-	
Total for Co.		6,888	-	-	-	6,888	-	450	-	-	47	-	-	-	
S. & L. Coal Co.	"	-	-	597	-	-	597	-	-	100	71	6	-	-	
Mine	"	-	-	-	-	-	-	-	-	-	-	-	-	-	
Swatara Coal Co. (B)	"	37,272	10,500	950	-	48,722(g)	-	-	-	217	14	-	-	-	
Breaker	"	30,200	2,251	-	-	32,451(n)	-	-	-	245	12	-	-	-	
Titus & Taylor	"	12,180	370	292	38	12,880(j)	-	200	6,075	115	42	-	-	-	
Bank	"	-	-	3,084	-	3,084(e)	-	-	4,375	138	8	-	-	-	
Tracy-Diamond Mng. Co.	"	18,990	-	-	-	18,990(o)	-	100	775	127	7	-	-	-	
Mine	"	44,310	-	-	-	44,310(o)	-	127,226	-	249	65	-	-	-	
Whitesh, Paul	"	63,200	-	-	-	63,200	-	127,326	775	-	72	-	-	-	
Williams Stripping Co.	"	-	-	-	-	-	-	-	-	-	-	-	-	-	
Mine	"	-	-	-	-	-	-	-	-	-	-	-	-	-	
Stripping	"	-	-	-	-	-	-	-	-	-	-	-	-	-	
Total for Co.		-	-	-	-	-	-	-	-	-	-	-	-	-	
Witcoski, Tally (B)	"	-	15,486	-	-	15,486	-	-	-	259	8	-	-	-	
Breaker	"	-	7,676	-	-	7,676(p)	-	895	3,250	251	8	-	-	-	
Zerbe & Griffith Mine	"	-	-	-	-	-	-	-	-	2767	-	35	-	-	
Total for district		1,726,122	4,88,861	40,672	17,313	2,272,968	-	1,474,543	449,840	-	-	-	-	-	
(B) Breaker		-	-	-	-	-	-	-	-	-	-	-	-	-	

TWENTY-FIRST DISTRICT (CONTINUED)

WENYI-SEGUON DISTRICT

R. O. Schneider, Inspector
216 N. Ninth St., Ashland, Pa.

Barback Coal Co. Mine	Schuyl.	1,829	-	-	1,829(a)	-	-	1,250	185	5	-
Bailey, J. R., Inc. Stripping Bender Coal Co. Mine	"	36,036	-	-	36,036(b)	-	108,200	-	136	23	-
Bernosky Coal Co. Mine	"	2,337	-	-	2,337(a)	-	-	1,550	180	7	-
Bogden Coal Co. Mine	"	3,118	-	-	3,118(a)	-	-	2,150	202	5	-
Casper Coal Co. Mine	"	319	-	-	319(a)	-	-	200	202	5	-
Drift Contractor Co. Mine	"	1,060	-	-	1,060(a)	-	-	725	202	5	-
Dyessel Coal Co. Mine	"	13,672	-	-	13,672(c)	-	2,000	7,110	241	15	-
Engle Coal Co. Mine	"	15,550	-	-	15,550(a)	-	1,000	9,375	199	9	-
Fisher Coal Co. Fisher Washery (B) B.Frank Fisher Washery	(B)	14,261 48,312	-	-	2,515(a)	-	-	1,650	207	6	-
Total for Co.		62,573	-	-	-	-	-	62,573	-	12	-

TWENTY-SECOND DISTRICT (CONTINUED)

Operators & collieries	County													Non-fatal accidents dis- ability			
		Production - net tons		Used at		Pounds		Pounds		Days		Empl-		Pounds		Fatal acci-	
		Sold	Shipped to market	to	colliery	black	powder	dynamite	permiss-	used	worked	oyes	accidents	black	explosives	fatal	acci-
		By	By	local	for steam	Total	Production	used	used	used	used	days	days	60 days	60 days	or more	or more
Gaida, J., Co.	SchuyL.	2,950	-	-	-	2,920(d)	-	-	-	-	-	2	9	-	-	-	-
Gulf Bank																	
Gilberton Coal Co. (B)	"	107,322	24,100	6,160	1,200	148,782	-	62,500	-	273	90	-	-				
Stripping Bank	"	126,436	40,025	6,003	-	182,464	-	-	-	273	66	-	-				
Total for Co.		243,758	74,125	12,163	1,200	331,246	-	62,500	-	-	-	156	-				
Girardville Excavating Co.	"	28,676	-	-	-	28,676(e)	-	1,477	-	141	23	-	-				
Stripping Hammond Coal Co. (B)	"	192,522	54,355	14,864	23,035	284,776	-	130,085	42,075	242	668	-	-				
Hammond Stripping Bank	"	101,915	-	-	-	101,915	-	175,450	50	242	63	1	-				10
Total for Co.		356,894	54,355	14,864	23,035	449,148	-	305,535	42,125	755	1	10					
Haze Brook Coal Co.																	
Continental Mine Columbia	"	233,164	53,094	43,444	2,926	332,528(f)	-	282,550	94,450	263	585	-	-				4
Stripping "	"	33,632	-	-	231	33,863(f)	-	-	-	183	46	-	-				3
Midvalley Breaker (B)	"	-	-	-	-	-	-	-	-	272	110	-	-				
Stripping "	"	2,261	-	-	19	2,280(f)	-	-	-	19	16	-	-				
Total for Co.		269,057	53,094	43,444	3,076	368,671	-	282,550	94,450	757	-	7					
Hillside Coal Co.																	
Mine	SchuyL.	2,187	-	-	-	2,187(g)	-	950	-	66	15	-	-				
Jonathan Coal Co.	"	17,489	-	-	-	17,489	-	-	-	272	7	-	-				
Barry Washery (B)																	
Kavalich Coal Co.	"	2,467	-	-	-	2,467(a)	-	-	-	1,650	213	5	-				
Kendricks Coal Co.	"	1,501	-	-	-	1,501(a)	-	-	-	1,000	89	6	-				
Mine																	
Klimas Coal Co.	"	22,224	-	-	150	22,374(a)	-	2,300	23,600	220	36	1	-				
Mine																	
Kohinoor Coal Co.	"	2,596	-	-	-	2,596	-	225	-	16	22	-	-				
Kohinoor Stripping Breaker (B)	"	119,941	-	507	444	120,892	-	-	-	250	60	-	-				
Total for Co.		122,537	-	507	444	123,488	-	225	-	250	44	-	-				
Kozar Coal Co.	"	1,694	-	-	-	1,694(a)	-	-	-	1,025	212	5	-				

TWENTY-SECOND DISTRICT (CONTINUED)

Operators & collieries	County	Production = net tons			Pounds			Pounds			Non-fatal accidents		
		Sold	Used at colliery	Total	Pounds black powder used	Pounds dynamite used	Pounds permis- sible ex- plosives used	Days worked	Empl- oyees	Fatal acci- dents	dis- ability 60 days or more		
Kudrick Coal Co.													
Mine	Sehuyl.	2,261	-	-	2,261(a)	-	-	1,325	174	6	-	-	
Locust Coal Co.													
Weston (B)	"	448,611	-	38,880	4,042	491,533	-	130,525	206,770	252	778	-	17
Scripting	"	172,298	-	15,291	1,592	189,181	-	590,080	-	252	131	-	-
Bank	"	32,865	-	3,053	35,918	-	-	-	252	20	-	-	-
Total for Co.		653,774	-	57,224	5,624	716,632	-	720,605	206,770	929	-	17	
Mammoth Coal Co.													
Raven Hill Breaker (B)	"	166,434	-	122	390	166,946	-	601,780	-	196	59	-	-
Scripting	"	4,177	-	-	4,177	-	-	196	77	-	-	-	-
Bank	"	170,611	-	122	390	171,123	-	601,780	-	146	-	-	-
Markarczyk Coal Co.													
Mine	"	303	-	-	-	303(a)	-	-	25	214	5	-	-
Nelusky Coal Co.	"	2,893	-	-	-	2,893(a)	-	-	1,925	213	5	-	-
Otto Collieries Co.													
Oakland Breaker (B)	"	79,956	-	-	1,500	81,456	-	-	-	272	137	-	-
Bank	"	79,956	-	-	1,500	81,456	-	-	85	32	-	-	-
Total for Co.		79,956	-	-	1,500	81,456	-	-	-	169	-	-	-
Philadelphia & Reading Coal & Iron Co.													
Hunter Tunnel	"	25,478	-	-	-	25,478(h)	-	33,575	8,300	290	74	1	1
" Stripping	"	7,256	-	-	-	7,256(h)	-	482	-	92	20	-	-
Bast	"	130,410	-	-	-	130,410(h)	-	737,110	-	291	71	-	-
Bancroft	"	6,225	-	-	-	6,525(h)	-	43,900	-	101	20	-	-
Total for Co.		169,679	-	-	-	169,679	-	815,067	8,300	195	1	1	
Pine Ridge Mining Co.													
Millersville Breaker (B)	"	-	-	-	-	-	-	-	-	310	63	-	-
Bank	"	49,097	-	-	-	49,097	-	-	-	210	25	-	-
Total for Co.		49,097	-	-	-	49,097	-	-	-	-	88	-	-
Pronio Coal Co.													
Mine	"	2,052	-	-	-	2,052(a)	-	-	1,375	214	6	-	-

TWENTY-SECOND DISTRICT (CONTINUED)

Operators & collieries	County	Production - net tons			Pounds permissible explosives used			Pounds dynamite used			Days worked			Employed			Non-fatal accidents		
		Shipped to market: By railroad	Sold to local truck	Used at colliery for steam and heat	Total production	Pounds black powder	Pounds dynamite	Total used	Pounds explosives used	Days worked	Employed eyes	Fatal accidents	Days or more	60 days	60 days	disability			
Raven Run Coal Co.	(Columbia (Schuy.), North d.)	416,078	-	-	3,477	419,555(f)(k)	-	361,500	80,500	281	532 (k)	2	4						
Germantown Mine	North d.	107,496	-	-	898	108,394(f)	-	528,250	-	281	86	-	-						
" Stripping	Total for Co.	523,574	-	-	4,375	527,949	-	889,850	80,500	-	618	2	4						
Reilly Construction Co.	Schuy.).	120,672	-	-	-	120,672(d)	-	-	-	-	102	21	-	-					
Culm Bank	Rose Valley Coal Co.	23,652	2,430	326	2,409	28,817	-	23,175	4,950	27	630	1	-						
Packer #5 (B) (i)	Bank	"	"	685	-	685	-	-	-	27	23	-	-						
Total for Co.		24,337	2,430	326	2,409	29,502	-	23,175	4,950	-	653	1	-						
Slominsky Coal Co.	Mine	"	423	-	-	-	423(a)	-	-	50	207	5	-						
Swilp Coal Co.	Mine	"	4,591	-	-	-	4,591(a)	-	-	3,050	177	6	-						
Tarrene Coal Co.	Stripping	"	16,749	-	-	-	16,749(a)	-	3,300	-	292	11	-						
William Penn Anth. C. Co.	William Penn (B) (j)	"	3,100	-	-	100	3,200	-	-	2,100	8	234	-						
Bank		"	1,882	-	-	-	1,882	-	-	-	8	38	-						
Total for Co.	Zimmerman Coal Co.	"	4,982	-	-	100	5,082	-	-	2,100	-	272	-						
Stripping	"	29,490	-	-	-	29,490(a)	-	-	200	-	124	23	-						
Total for district	3,065,887	184,004	128,650	42,313	3,420,854	-	3,820,74	4,98,230	-	5120	5	40							
(B) Breaker																			
(a) Coal prepared at Hammond & Weston (22nd) & Natalie (24th)																			
" " Weston breaker. Stripping completed 7-21-47																			
(b) " " Gilberton " Ceased operations 2-7-47																			
(c) Coal sold unprepared																			
(d) Coal prepared at Locust Summit Central breaker, 23rd district																			
(e) " prepared at Kidvalley breaker																			
(f) " coal taken from mine opening in Northumberland																			

- (g) Coal prepared at Raven Hill breaker
 (h) " " Oakland " Colliery abandoned 1-10-47
 (i) Includes 408,445 tons and 589 employees for Columbia County and
 11,110 " " 29 " Schuykill " . No
 coal taken from mine opening in Northumberland

TWENTY-THIRD DISTRICT

J. P. Brophy, Inspector
422 W. Third St.
Mt. Carmel, Pa.

Operators & collieries	County	Production - net tons			Pounds			Non-fatal accidents		
		Shipped to market:		Sold to colliery	Pounds		Permit- able ex- plosives	Fatal acci- dents	Days worked	Empl- oyees
		By railroad	By truck	local for steam	Total production	black powder	dynamite used	days	employed	dis- ability
										60 days or more
Andreotti - Skroza Mine	Northumbd.	-	2,742	-	2,742(a)	-	-	375	245	-
Atlas Coal Co. (B) Breaker, J. Robert Stripping	"	-	4,820	-	4,820	-	-	240	5	-
Brass Coal Co.	Columbia	90,120	-	-	90,120(b)	-	38,464	-	198	74
Mine Centralia Mfg. Co. (B) Stripping	Northumbd. Columbia	-	4,000	-	4,000(c)	-	2,700	-	180	8
Bank	"	59,860	5,017	308	65,185	-	56,500	12,800	230	137
Chapman & Reilly Mine C. Q. & W. Coal Enterprise	"	87,999	3,585	172	91,756	-	24,3,140	-	194	41
Cullen Contracting Co.	Northumbd.	-	25,872	2,095	120	-	38,087	-	194	11
Sayre Bank	"	183,731	10,697	600	195,028(d)	-	299,640	12,800	189	2
Dredgona Corp.	"	4,680	-	-	4,680(a)	-	870	-	169	7
Stripping	"	20,013	-	-	20,013(e)	-	-	9,800	220	19
Exchange Coal Co. Breaker (B)	Northumbd.	-	171,831	-	171,831(f)	-	-	365	7	-
Garcia & Co.	"	6,000	-	300	26,795(a)	-	4,7140	-	199	27
Mine Greco Coal Co. (B) Breaker Martinez & Broderick	"	3,412	-	-	6,300	-	-	-	228	8
Stripping	"	-	9,000	-	3,412(a)	-	4,500	-	270	6
Merry Coal Mining Co.	Columbia	78,078	-	-	9,000	-	-	-	260	5
Mine Moleski & Elgin Mine Oribe & Garcia Mine	"	48,630	-	-	78,078(g)	-	33,420	-	231	88
Nine	Northumbd.	1,651	-	-	48,630(g)	-	40,000	-	280	63
Pizzoli, August Mine	Columbia	13,283	-	-	1,651(a)	-	-	725	280	7
Nine	Northumbd.	960	-	-	13,283(e)	-	-	15,000	250	19
					960(a)	-	500	-	92	5

TWENTY-THIRD DISTRICT (CONTINUED)

Operators & collieries	County	Production - net tons			Days worked	Empl- oyees	Pounds permiss- ible ex- plosives used	Pounds dynamite used	Days of work	Fatal acci- dents	Non-fatal accidents dis- abled 60 days or more	
		Sold	Used at colliery	Total production								
		Shipped to market :	Local for steam and heat	Total production								
Philadelphia & Reading Coal & Iron Co.	Northumber. Alaska	348,065 " 13,402	17,403 671	12,863 4,95	4,332	382,663 (h) 1,568 (h)	-	10,975 9,175	127,278	281	730	- 11
Independents	Schuyl. Keystone Bank	81,348 674,944	4,068 33,747	3,006 24,944	-	88,422 (h) 747,044 (h)	-	-	-	287	22	- -
Locust Gap Mine	Northumber. " A-36 Strip.	" 27,417	1,371	1,013	-	29,801 (h) 74,250	-	345,700 88,257	254,200	153	17	- -
" A-40 "	" 52,191	2,610	1,929	-	-	65,550 (h) 65,730 (h)	-	-	-	1310	4	19
" Bank	(B) 60,306	3,015	2,229	-	-	-	-	-	-	217	31	- -
Locust Summit Breaker	"	-	-	-	-	-	-	-	-	-	-	-
Monitor Strip.	"	274,334	13,717	10,138	-	298,189 (h) 60,875 (f)	-	1,317,350	-	287	34	- -
Locust Gap Silt Bank	"	-	60,875	-	-	-	-	-	-	308	17	- -
Potts	Columbia (Northumber.)	221,038	11,052	8,169	36,717	276,976 (h) 276,976 (h)	-	263,975	42,020	267	229	- 1
"	Stripping (Schuyl.)	197,307	9,865	7,292	-	214,464 (h) 15,362 (h)	-	97,315	-	277	282	- -
"	Bank	14,114	706	522	-	-	-	-	-	287	229	- 1
Reliance	Northumber. Total for Co.	267,524	13,374	9,887	10,479	301,264 (h) 2,231,990	-	106,975	46,125	277	626	2 13
Polinko - Ladika Mine	Northumber. Richards Coal Mng. Co.	4,224 " 22,639	-	-	82,487 83,387	64,937 64,937	-	2,313,972 2,260,094	469,623	3927	9	48
Sayre	"	-	-	-	-	4,224 (a) 22,639 (b)	-	1,100 7,525	-	254	6	- -
Total for district		2,736,206	375,564	83,387	64,937	3,260,094	-	2,747,461	508,423	4522	10	52

- (B) Breaker
(a) Coal prepared at Natalie breaker, 24th district
(b) " " Glen Burn " 24th
(c) " " Dacott " 24th
(d) 6,982 tons prepared at Moreas breaker, 19th district
- (e) Coal prepared at Millersville breaker, 22nd district
(f) Coal sold unprepared
(g) Coal prepared at Natalie (24th) and Millersville (22nd)
(h) " " Locust Summit breaker

TWENTY-FOURTH DISTRICT

Operators & collieries	County	Production - net tons			Total production	Days worked	Employed miners	Fatal accidents	Non-fatal accidents
		Shipped to market:		Used at					
		By railroad	By truck	Colliery					
B. & B. Coal Co.	North'd.	-	3,790	-	-	3,790(a)	-	350	2,200
Black Bear						18,237(b)	-	1,300	8,000
Boslego Coal Co.	"	-	18,237	-				500	4,680
Danott Coal Co.	"	13,795	645	4,622	300	19,362	-	500	292
Dancott (B)									24
Dark Corners Coal Co.	"	5,908	4,972	472	-	11,352	-	-	-
Breaker (B) (c)									-
Diminick Coal Sales	"	9,597	13,500	200	-	23,297	-	-	-
Breaker (B) (c)									-
D. & Z. Coal Co.	"	8,906	36,059	640	-	45,605	-	-	-
Breaker (B) (c)									-
Poieri & Louis	"	19,429	-	-	-	19,429	-	-	-
Breaker (B) (c)									-
Hoover Coal Min. Co.	"	22,840	-	-	-	22,840	-	-	-
Washery (B)									-
Johnson Coal Sales Co.	"	13,554	4,066	261	-	17,881	-	-	-
Breaker (B) (c)									-
Jonathan Coal King. Co.	"	201,689	-	-	-	201,689	-	-	-
Washery (B) (c)									-
K. & D. Coal Co.	"	11,298	7,160	-	-	18,458	-	-	-
Breaker (B) (c)									-
Latsha Coal Co.	"	-	5,108	-	-	5,108(d)	-	-	-
Mine									-
Level Coal Co.	"	14,570	-	-	-	44,570(e)	-	4,350	14,975
Mine									-
Little Chief Coal Co.	"	-	2,818	-	-	2,818(f)	-	200	1,200
Mine									-
Lower Region Coal Co.	"	16,107	-	2,000	600	18,707	-	-	183
Breaker (B) (c)									23
Lucas Coal Co.	"	18,921	-	-	-	18,921(g)	-	-	5,725
Mine									253
Maurer Coal Sales Co.	"	20,585	8,000	1,000	-	29,585	-	-	11
Breaker (B) (c)									-
Mithal Coal Sales Co.	"	-	9,995	-	-	9,995	-	-	17
Natural (B)									-
								4,000	283

TWENTY-FOURTH DISTRICT (CONTINUED)

Operators & collieries	County	Production - net tons			:Pounds Used at colliery			:Pounds Total for steam and heat production			:Pounds dynamite used			Pounds permiss- ible ex- plosives used			Days worked			Empl- oyees days worked			Fatal acci- dents			Non-fatal accidents dis- ability 60 days or more				
		:Shipped to market By railroad			:Sold to local trade			:black powder			:white dynamite			Days worked			Empl- oyees days worked			Fatal acci- dents										
Natalie Coal Corp.	(B) (c) North.	-	-	-	-	-	-	20,097	-	-	-	-	-	193	50	1	-	-	-	-	-	-	-	-	-	-	-	-	-	
Natalie Breaker	(B) (c) North.	"	"	"	"	"	"	2,304	-	-	10,200	-	-	216	20	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Brennan Mine	"	"	"	"	"	"	"	8,379	-	-	3,000	-	-	19	6	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Hanlon, Bridy Bank	"	"	"	"	"	"	"	1,131	-	-	1,000	-	-	81	10	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
United Contr. Strip.	"	"	"	"	"	"	"	101,967	-	-	-	-	-	14	10	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Lower Region Strip.	"	"	"	"	"	"	"	-	-	-	-	-	-	193	*	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Independents (mine)	"	"	"	"	"	"	"	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Total for Co.		106,050	23,153	1,035	3,640	133,878	-	4,000	10,200	-	4,000	10,200	-	96	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Oak Coal Yard		-	22,500	-	-	22,500	-	-	-	-	-	-	-	295	8	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Breaker (B) (c)	"	-	22,500	-	-	22,500	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Philadelphia & Reading																														
Coal & Iron Co.																														
Burnside Strip.	S-10	"	30,558	-	-	-	-	30,558(e)	-	-	94,950	-	-	131	40	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Bear Valley	S-3	"	128,624	-	-	-	-	128,624(e)	-	-	1,257,444	-	-	217	45	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Bear Valley	S-3A	"	58,586	-	-	-	-	58,586(e)	-	-	1,257,146	-	-	231	91	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Hepburn	S-8	"	120,900	-	-	-	-	120,900(e)	-	-	628,573	-	-	264	57	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Enterprise Pump. Sta.	"	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
North Franklin Bank	"	396,980	-	-	-	-	-	396,980(h)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Henry Clay Bank	"	71,184	-	-	-	-	-	71,184(h)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Total for Co.		806,832	-	-	-	-	-	806,832	-	-	3,237,813	-	-	410	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Quality Coal Sales																														
Breaker (B) (c)	"	-	8,000	-	-	8,000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Reidinger Coal Service																														
Breaker (B) (c)	"	1,000	2,000	1,276	-	4,276	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Rosini Coal Co.	(B) (c)	"	60,999	1,445	640	25	63,109	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Sharp Coal Sales Co.	(B) (c)	"	627	8,238	50	-	8,915	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Stanley Coal Co.	(B) (c)	"	20,589	6,137	-	-	26,726	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Breaker (B) (c)	"	-	6,759	1,280	-	-	8,039	-	-	4,122	-	-	211	56	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Steam Coals, Inc.	(B) (c)	"	-	-	-	-	23,254	-	-	6,183	-	-	206	45	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
North Line Drift	"	-	-	-	-	-	55,904	-	-	65,000	-	-	186	30	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Shamokin Excav's. Strip.	"	-	-	-	-	-	6,551	-	-	25,000	-	-	211	25	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Hickory Contr. Strip.	"	-	22,842	-	-	22,842	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Independents		-	29,601	1,280	-	-	156,684	-	-	94,122	-	-	90	10	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Burnside Bank		-	125,803	29,601	1,280	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Total for Co.																														

TWENTY-FOURTH DISTRICT (CONTINUED)

Operators & Collieries		County	Production - net tons	Sold	Used at	Pounds black powder used	Pounds dynamite used	Pounds permiss- ible ex- plosives used	Days worked	Fatal acci- dents	Empl- oyees	Fatal acci- dents	dis- ability	60 days	more	
Shipped to market	By railroad	to local truck	Colliery for steam	Total	Total production											
Stevens Coal Co.	Trevortown Breaker (B)	North.	-	-	-	-	-	-	-	-	287	208	2	3	-	
A.E.Dick Strip.	"	"	-	-	-	-	-	-	-	-	287	162	-	-	-	
Latore	"	"	-	-	-	501,001	-	1,473,900	-	-	144	28	-	-	-	
Mellott	"	"	-	-	-	38,270	-	25,800	-	-	121	21	-	-	-	
Foieri	"	"	-	-	-	44,139	-	60,209	-	-	75	22	-	-	-	
Capparell	"	"	-	-	-	16,709	-	19,394	-	-	191	40	-	-	-	
Kessler Bank	"	"	-	-	-	78,336	-	474,210	-	-	287	57	-	-	-	
Kettle Mine	"	"	-	-	-	450,997	-	-	-	-	24,850	287	36	-	-	
Springfield Mine	"	"	-	-	-	39,347	-	-	-	-	12,150	287	18	-	-	
North Buck	"	"	-	-	-	26,613	-	-	-	-	12,050	287	28	-	-	
Taby-Brennan	"	"	-	-	-	19,073	-	-	-	-	5,400	287	7	-	-	
Fisher & Peifer Mine	"	"	-	-	-	5,456	-	-	-	-	2,275	287	7	-	-	
Ionyar Mine	"	"	-	-	-	5,137	-	-	-	-	2,950	287	5	-	-	
			1,111,206	77,644	38,822	910	1,228,582	-	2,053,513	59,675	-	639	2	3	-	
Total for Bkr.																
Stevens Coal Co.	Zorbe Breaker (B)	"	-	-	-	-	-	-	-	-	129	68	-	-	-	
Burnside Bank	"	"	-	-	-	-	-	-	-	-	129	13	-	-	-	
Trevortown	"	"	-	-	-	-	-	-	-	-	129	30	-	-	-	
			204,385	-	-	-	204,385	-	-	-	-	111	-	-	-	
Total for Bkr.																
Sunshine Coal Co.	Katherine (B)	"	1,315,591	77,644	38,822	910	1,432,967	-	2,053,513	59,675	-	750	2	3	-	
Susquehanna Collieries Div.	M. A. Hanna Co.	"	1,575	11,077	13,555	360	26,567	-	300	8,800	251	19	-	-	-	
Glen Burn (B)	"	"	146,287	214,539	104,926	2,800	468,552	-	91,080	183,125	-	268	739	3#	32	
Hickory Swamp Mine	"	"	153,304	-	-	202	43,506	-	4,100	24,925	-	269	73	-	-	
Hickory Ridge	"	"	29,957	-	-	125	30,082	-	2,625	8,600	-	263	49	-	-	
Maysville #1	"	"	197,534	-	-	284	197,818	-	17,850	123,050	-	263	227	-	-	
Maysville #2	"	"	142,194	-	-	160	42,354	-	8,550	72,725	-	263	84	-	-	
No. 9 Drift	"	"	11,068	-	-	12	11,080	-	125	8,875	-	101	44	-	-	
Brennan Slopes	"	"	15,385	-	-	-	15,385	-	-	10,000	-	266	34	-	-	
Domestic Strip.	"	"	29,806	-	-	-	-	-	24,200	8,000	-	249	22	-	-	
Logan Creek Strip.	"	"	49,169	-	-	-	-	-	15,000	500	-	268	8	-	-	
Northumberland Strip.	"	"	29,756	-	-	-	-	-	11,150	1,240	-	190	16	-	-	
Bear Valley Strip.	"	"	1,716	-	-	-	-	-	-	-	-	620	39	-	-	

TWENTY-FOURTH DISTRICT (CONTINUED)

Operators & collieries	County	Production = net tons			Pounds black powder used	Pounds dynamite used	Days worked	Empl- oyees	Pounds permiss- ible ex- plosives used	Fatal acci- dents	Non-fatal accidents
		Shipped to market:		Sold to colliery for steam and heat							
		By	By	Total							
Susquehanna (Continued)											
Luke Fidler Strip.	North.	22,155	-	-	22,155	-	10,000	-	268	10	-
Folieri	"	8,682	-	-	8,682	-	-	-	26	11	-
Total for Co.		660,043	214,239	104,926	3,583	983,091	-	184,680	397,660	1,334	3#
Swank Coal Sales											
Washery (B) (c)	"	12,696	-	-	12,696	-	-	-	281	4	-
Swift Coal Co.	(c)	"	-	-	-	-	-	-	-	-	-
Breaker (B) (c)	"	-	14,768	-	14,768	-	-	-	300	5	-
Zerbe Valley Coal Co.											
Breaker (B) (c)	"	-	8,980	-	8,980	-	-	-	240	4	-
Total for district		3,519,004	542,432	170,779	9,418	4,211,633	-	5,581,128	525,148	3098	6
(B) Breaker											
* Not given											
# Two mine and one stripping fatalities											
(a) Coal prepared at Maurer breaker (23rd)											
(b) " prepared at Roback breaker (24th)											
(c) Preparation only											

(B) Breaker
 * Not given
 # Two mine and one stripping fatalities
 (a) Coal prepared at Roback breaker (24th)
 (b) "
 (c) Preparation only

(d) Coal prepared at Maurer breaker
 (e) " Locust Summit breaker, (23rd)
 (f) " Johnson "
 (g) " Glen Burn "
 (h) Coal shipped direct to Europe

G. E. Smith, Inspector
 760 Main St., Lykens, Pa.

TWENTY-FIFTH DISTRICT

C. & S. (B) Dancott Coal Co. Mine	Dauphin	1,020	-	3,495	-	4,515	-	1,300	-	230	15	-
	Schuyl.	-	1,095	-	-	1,095(a)	-	225	1,563	122	11	-
Oakwood (B)	"	-	-	-	-	*	-	-	-	251	10	-
D. & K. Coal Co. (B)	"	-	-	-	-	*	-	-	-	85	5	-
Breaker (B)	"	-	-	-	-	5,367(b)	-	3,000	10,800	193	18	-
Etzweller, Harry Mine	"	-	5,367	-	-	-	-	-	-	-	-	-

TWENTY-FIFTH DISTRICT (CONTINUED)

TWENTY-FIFTH DISTRICT (CONTINUED)

Operators & collieries	County	Production - net tons			Pounds			Pounds			Non-fatal accidents disability				
		Shipped to market:		Used at	Total	: black	Pounds	Permit issued	Fatal accidents	Empl oyees	Days worked	Days used	Days or more		
		By railroad	By truck	local	for steam and heat	powder	dynamite	explosives	accidents	oyes	used	used	or more		
Markson C. Co., Contd.					116(1)	-	-	-	-	90	3	-	-		
C. Linde & Son Stripp. Schuyler.					8,946(i)	-	-	-	-	285	31	-	-		
McCarrick Bros.	"	"			2,410(i)	-	400	-	-	50	5	-	-		
New Franklin	"	"			20,825(i)	-	-	-	-	274	6	-	-		
Alonzo Sanchez	"	"			750(i)	-	-	-	-	100	3	-	-		
Yaccino Bros.	"	"			1,340(i)	-	-	-	-	#	#	-	-		
Miscellaneous	"	"			10,528(i) **	-	-	-	-	#	#	-	-		
" Small Mines	"	"			5,012(i)	-	-	-	-	#	#	-	-		
Lincoln Bank	"	"			10,528(i)	-	-	-	-	#	#	-	-		
Shatt-Liornerberger Mine	"	"			2,800	111 <i>4</i>	-	-	-	7	-	-	-		
Total for Co.					38,100	90,975	-	-	-	414	-	8	-		
Miller, Franklin	"	"			-	*	-	-	-	230	16	-	-		
Breaker (B)	"	"			-	*	-	-	-	230	16	-	-		
Otto, C. M. & Son	"	"			-	*	-	-	-	219	45	-	3		
Kemble (B)	"	"			-	*	-	-	-	219	14	-	-		
Bank	"	"			-	*	-	-	-	59	-	3	-		
Total for Co.					56,383	2,062	880	59,325	4,100	17,000	17,000	59	-		
Otto Miners	"	"			5,588	-	-	5,588(e)	-	6,250	288	7	-		
Mine	"	"			-	-	-	-	-	283	12	-	-		
Pine Creek Coal Co.	"	"			-	-	-	-	-	283	12	-	-		
Breaker (B)	"	"			-	-	-	-	-	283	12	-	-		
Philadelphia & Reading	"	"			-	-	-	-	-	283	12	-	-		
Coal & Iron Co.	"	"			-	-	-	-	-	283	12	-	-		
Brookside Bank (B)	"	"			55,458	-	618	56,076	-	-	115	46	-		
Red Oak Coal Co.	(B)	"			16,500	7,323	-	-	23,823%	-	-	209	8	-	
Breaker	(B)	"			-	-	-	-	-	-	-	274	8	-	
Sanchez, Alonzo	"	"			-	24,275	-	-	24,275(J)	-	10,000	-	-	-	
Stripping	"	"			-	3,216	288	-	3,504(k)	-	1,000	-	-	-	
Schell, Nathan	"	"			-	-	-	-	-	-	-	213	6	-	
Mine	"	"			-	-	-	-	-	-	-	296	9	-	
Schneck Coal Co.	"	"			-	-	-	-	-	-	-	4,500	269	-	
Breaker (B)	"	"			-	-	-	-	-	-	-	2,695(J)	-	-	
Schwalm, William	"	"			-	5,646	-	-	5,646(b)	-	-	-	20	8	-
Mine	"	"			-	-	-	-	-	-	-	-	-	-	
Shoemaker & Martinez	"	"			-	-	-	-	-	-	-	-	-	-	
Bank	"	"			2,695	-	-	-	-	-	-	-	-	-	
Dauphin	"	"			-	-	-	-	-	-	-	-	-	-	

TWENTI-FIFTH DISTRICT (CONTINUED)

Operators & collieries	County	Production - net tons			Pounds dynamite used	Pounds explosives used	Days worked	Empl- oyees	Fatal acci- dents	Non-fatal accidents
		Shipped to market		Used at						
		By railroad	By truck	Colliery local for steam trade and heat						
Stump, Franklin B.	Schuyl.	-	8,664	-	20	8,684(1)	-	7,050	-	-
Mine									283	11
Superior Coal Co.									-	-
Breaker (B)	"	-	-	-	-	*	-	-	197	14
Stevens Coal Co.									-	-
Westwood Breaker (B)	"								325	2
Bixler, Oscar, Mine	"								2,100	2,175
Deaven, Francis	"								4,500	6
Erdman Bros.	"								6,900	-
Joliet	"								-	13
" Strip.	"									\$ \$ \$
Pessler (John)	"								5,575	6
Lebo, Clarence	"								4,402(m)	255
Morgan, Francis	"								6,338(m)	259
Morgan Bros.	"								12,371(m)	11
Reed & Herb	"								600	246
Schaeffer & Moyer	"								4,066(m)	20
Zimmerman, Ray	"								2,000	272
Reilly (Goodspring) Bank	"								-	5
P. & R. (Brookside)	"								9,029(m)	-
Lincoln Bank	"								4,690(m)	-
T. & T. (Brookside)	"								3,290(m)	-
J. Banks Strip.	"								26,414(m)	-
Donaldson "	"								17,232(m)	-
Etzweiler "	"								387(m)	-
Huss, George "	"								27,461(m)	-
Linde, C. & Son Strip.	"								58,130(m)	-
McCarrick Bros.	"								5,000	-
Schiemacher & Schulte	"								2,957(m)	-
Stiley, W.	"								-	23
Savigle, E. T.	"								309(m)	5
Sanchez, Alonzo	"								119,392(m)	2
Schell, C. A.	"								9,300	-
Williams	"								-	15
Wyell	"								-	280
Yaccino Bros.	"								-	37
Miscellaneous Strips.	"									-
									30,680	8
									160,088(m)	#
									162,320	57
									21,216(m)	18
									2,703(m)	287
									3,814(m)	8
									35,752(m)	3
									35,907(m)	14
									8,828(m)	2
									2,334(m)	1
									3,500	4
									-	#
									522(m)	-

TWENTY-FIFTH DISTRICT (CONTINUED)

Production - net tons			Pounds permiss- ible ex- plosives			Pounds dyna- mite			Days worked			Days worked			Non-fatal accidents		
			Pounds black powder			Pounds used			Total			Pounds black powder			Total		
			Used at colliery			Used			Total			Used			Total		
Shipped to market	Sold	Used at															
By railroad	to local	for steam															
By truck	truck	trade															
Operators & collieries	County	and heat															
Total for Stevens Coal Co.	512,184	100,512	51,059	5,560	669,315	-	228,400	33,400	514	1	2						
Zutphen-Zane Coal Co. line	SchuyL.	-	2,420	-	-	2,420(n)	-	-	1,200	195	5	-	-	-	-	-	-
Total for district	849,216	295,998	80,442	7,368	1,333,025	-	343,325	214,938	1623	1	18						

(E) Breaker

* Prepared coal
Included in breaker figures

Bank coal
See Joliett Coal Co.

& See Phila. & Reading C

** No figures given

(a) Coal prepared at Dancott breaker, 24th district

(b) " Franklin-Lykens breaker
 (c) " " Indiana Head (1, 19, 7)
 (d) " " Joliett breaker.

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(e) Coal prepared at Leon Kocher breaker
 (f) " Pine Creek " J.
 (g) " Legal " 2
 (h) " David Deaven " J.
 (i) " Markson " J.
 (j) " Salem Hill " J.
 (k) " Indian Head " J.
 (l) " Superior and J. C. J.
 (m) " Westwood breaker J.
 (n) " Schneck " J.

TOTAL FOR REGION	47,551,334	4,890,324	3,887,368	1,898,959	58,227,985	2,738,911	41,294,752	16,383,229	277	80,730	165	1,013
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Man-days for region	22,392,531
Production per fatal for region	352,897
Fatalities per million man-hours for region	1.0
Non-fatal accidents for region	9,873

INSIDE EXPLORES - BY CLASSIFICATION

District	Asst. foremen & Mine foremen	Fife bosses & Ass't. foremen	Mines	Miners	Miners & Miners	Machinists	Motor runners	Drivers & Runners	Ass't. miners & Runners	Motor runners	Miners & Runners	Motor runners	Miners & Runners	Trac'men	Bratticemen	Pumpmen	Electromotors	Door attendants	All others	Total inside
1	33	56	668	1264	13	111	91	7	29	8	41	3	11	3	261	2599	203	2171		
2	36	56	563	952	15	112	77	21	37	19	34	21	22	3	203	2519	340	2519		
3	26	72	615	988	19	130	108	7	64	15	79	16	40	23	179	2248	19	85		
5	31	57	610	948	7	104	93	4	51	19	67	14	19	-						1392
6	5	19	48	412	574	1	56	57	5	20	13	70	13	21	2					1798
7	7	12	55	419	698	17	90	79	1	35	27	91	27	49	31					2624
8	8	19	81	638	1071	10	133	118	2	43	30	71	27	42	48					2800
9	9	14	81	706	1133	5	124	124	1	42	36	99	27	19	25					1827
10	10	19	51	490	743	-	86	73	42	34	24	40	16	16	21					2500
11	11	77	576	974	3	111	126	25	48	36	44	16	16	21						3127
12	12	13	803	1108	23	150	148	45	58	45	67	8	28	19						533
13	13	14	88	808	1041	24	143	151	1	58	45	111	15	22	-					3029
14	14	15	89	853	1193	1	123	97	1	33	23	23	13	10	-					412
15	15	19	47	725	219	-	56	55	2	24	4	41	5	11	1					12291
16	16	13	26	684	222	-	47	46	10	34	9	57	15	15	1					1377
17	17	8	104	1292	38	-	118	91	60	49	33	549	7	40	16					843
18	18	19	68	1471	156	11	103	95	20	76	35	180	12	37	8					3248
19	19	42	713	179	-	52	40	25	15	15	65	24	14	2					569	
20	20	13	89	1344	129	21	94	86	37	19	31	322	11	21	27					2860
21	21	36	26	802	181	16	48	27	18	8	32	67	13	11	5					1415
22	22	14	90	1356	54	6	114	96	12	56	56	276	26	16	41					2637
23	23	36	97	1501	126	45	80	59	59	35	73	325	29	6	15					122
24	24	32	722	168	6	20	14	85	12	20	53	7	8	2					432	
25	25	12	353	127	-	15	15	44	5	12	29	5	4	3	47					598
	504	1523	19124	14286	243	240	1966	534	885	660	294	358	523	296	754	53270				696

OUTSIDE EMPLOYEES - BY CLASSIFICATION

District	Superintendents	Foremen	Blacksmiths &c	Carpenters &c	Engineers &c	Tracemen	Slaterpickers	Bimplovers	All Others	Total	Outside	Inside & outside	Grand total	
1	22	31	54	104	8	8	45	908	1180	3779	2654	3779	65	
2	14	12	32	89	1	1	45	280	483	886	886	886	886	886
3	11	34	67	59	1	5	38	671	849	3097	3097	3097	3097	3097
4	20	26	69	56	4	13	64	597	380	1772	1772	1772	1772	1772
5	5	15	23	45	3	-	29	261	380	2443	2443	2443	2443	2443
6	6	7	13	35	81	3	16	485	645	3289	3289	3289	3289	3289
7	7	10	14	76	86	3	11	48	417	583	3383	3383	3383	3383
8	8	11	14	74	102	4	27	340	383	559	559	559	559	559
9	9	16	18	37	57	6	8	34	21	467	626	626	626	626
10	10	11	7	24	62	2	24	32	730	968	4095	4095	4095	4095
11	11	7	8	15	74	83	2	24	15	714	923	3952	3952	3952
12	12	8	6	21	69	76	8	27	44	737	1021	3920	3920	3920
13	13	6	7	12	68	119	7	12	5	39	764	1062	2353	2353
14	14	9	53	66	114	114	12	14	42	765	1079	2456	2456	2456
15	11	41	55	55	137	14	29	7	23	1662	2070	5318	5318	5318
16	10	60	124	155	155	29	36	24	51	1108	1548	4408	4408	4408
17	17	39	106	169	169	36	36	24	22	78	1560	1994	3409	3409
18	15	39	101	147	147	14	14	9	28	42	1461	1718	4355	4355
19	28	44	65	78	78	9	9	49	68	923	1355	2767	2767	2767
20	7	28	61	129	129	33	49	62	133	1834	2375	5120	5120	5120
21	23	61	78	100	100	8	10	47	38	1121	1438	4522	4522	4522
22	31	22	67	125	125	10	70	32	70	1489	1826	3098	3098	3098
23	8	56	53	87	87	9	29	35	660	927	1623	1623	1623	1623
24	20	30	45	105	105	1	29	35	660	927	1623	1623	1623	1623
25	22	30	45	105	105	1	29	35	660	927	1623	1623	1623	1623
	337	746	1582	2365	234	482	1077	20337	27160	80730				

FATAL ACCIDENTS - 1947

Name of victim	Address	Name of company	Colliery, mine, etc.	Date	Cause of injury	No. killed
Allesandrini, Steve	6 Teasdale St., Yatesville Plains Township, Pa.	Knox Coal Co. Hudson Coal Co. Payne Coal Co.	Schooley Loree Spring Mtn.	Apr. 10 Jan. 8 Nov. 4	Gas explosion Fall from scaffold in breaker Fall of coal from pillar	10 1 1
Atkinson, Robert R.	Maddoo, Pa.	Glen Alden Coal Co.	Wanamie Buttonwood Huber	Oct. 9 Jan. 16 July 22	Fall of rock Fall of roof Fall of roof	1 2 2
Augustine, Andrew P.		Glen Alden Coal Co. Glen Alden Coal Co. Glen Alden Coal Co. Phila. & Reading C. & I. Co. Glen Alden Coal Co. (Susquehanna Collieries Div. (of M. A. Hanna Co. Glen Alden Coal Co. Glen Alden Coal Co.	Locust Gap Empire Shaft Empire Shaft (Collar) (of top coal, fell on him	Oct. 17 Feb. 1	Fall of roof Fall of roof Fall of roof Gas explosion	3 1 1 15
Babinko, Samuel	133 E. Main St., Glen Lyon	Glen Alden Coal Co.	Wanamie	Oct. 9	Fall of rock	1
Babryk, John	37 N. Sherman St., Wilkes-Barre	Glen Alden Coal Co.	Buttonwood	Jan. 16	Fall of roof	1
Baker, Peter	86 S. Main St., Ashley	Glen Alden Coal Co.	Huber	July 22	Fall of roof	1
Ballast, George	440 E. 6th St., Mt. Carmel	Phila. & Reading C. & I. Co.	Locust Gap	Oct. 17	Fall of roof	1
Benning, George V.	R. D. #1, Mountain Top	Glen Alden Coal Co.	Empire Shaft	Feb. 1	Fall of roof	1
Block, Michael	234 W. Noble St., Nanticoke	(Susquehanna Collieries Div. (of M. A. Hanna Co. Glen Alden Coal Co. Glen Alden Coal Co.	No. 7 Nottingham Loomis	Nov. 17 Jan. 15 May 10	(Collar) (of top coal, fell on him Thrown off motor when it derailed	1 1 15
Bockus, William J.	25 Mountain Road, Plymouth	C. Q. & W. Enterprise	Mine Pine Ridge	July 30	Fall of roof	1
Boyce, William J.	9 Loomis St., Nanticoke	Lohb Coal Co.	Pine Ridge	Aug. 22	R.R. cars, fell off, run over, when brake wheel spun	1
Bressi, Vito	441 W. 3rd St., Mt. Carmel	Jeddo #7	Jeddo #7	Dec. 23	Fall of coal & rock from rib	1
Brinich, Raymond	Schuylkill Haven	Buttonwood	Buttonwood	Jan. 16	Fall of roof	2
Brooks, Michael	Ebervale, Pa.	Jeddo-Highland Coal Co.	Mine	Oct. 10	Caught between cars and rib	1
Bryleski, Frank	5 Crystal St., Hanover Twp.	Glen Alden Coal Co.	Schooley Mine Buttonwood Franklin No. 6 No. 9 Nottingham	Apr. 10 Feb. 27 June 3 Dec. 11 Jan. 9 Sept. 24 Jan. 15	Gas explosion Fall of roof Struck by runaway trip Gas explosion Fall of roof Fall of roof Gas explosion	10 1 1 1 1 8 3 15
Calvino, Joseph	127 Brook St., Peckville	Guiducci Coal Co.	Mine	Oct. 10	Caught between cars and rib	1
Castellani, John	142 Fox St., Taylor	Knox Coal Co.	Schooley	Apr. 10	Gas explosion	1
Cecerelli, Angelo	916 Ward St., Jessup	Cecerelli Coal Co.	Mine	Feb. 27	Fall of roof	1
Chook, Nicholas	401 S. Empire St., Wilkes-Barre	Glen Alden Coal Co.	Buttonwood	June 3	Struck by runaway trip	1
Chudilo, Frank	Scranton,	Lehigh Valley Coal Co.	Franklin	Dec. 11	Gas explosion	1
Corrodoni, Frank	498 Broad St., Pittston	Jermyn-Green Coal Co.	No. 6	Jan. 9	Fall of roof	1
Cunningham, Lawrence	1523 S. Webster Ave., Scranton	Number Nine Coal Co.	No. 9	Sept. 24	Fall of roof	3
Cylwik, Charles	49 Hillside St., Wilkes-Barre	Glen Alden Coal Co.	Nottingham	Jan. 15	Gas explosion	15
Dadulak, George	148 Poland St., Swoyersville	Harry E. Coal Co.	Harry E. Coal Rain Coal Co.	Oct. 3	Fall of roof	1
Decker, James	452 Thrall Ave., Hazleton		Coal Rain	Aug. 5	Electrocuted, contact with power wire	1
Deluso, Costy	504 W. Coal St., Shenandoah	Phil. & Reading C. & I. Co.	Maple Hill	May 1	Fall of top coal	1
Diak, Metro	564 Pine St., Kunkletown	Natalie Coal Corp.	Natalie	Mar. 26	R.R. cars, struck by	1
Dobrinski, Nicholas	413 Willow St., Oliphant	Hudson Coal Co.	Olyphant	Oct. 30	Fall of roof	1
Dombroski, Joseph	750 Main St., Sugar Notch	Glen Alden Coal Co.	Sugar Notch	Mar. 15	Fall of roof	1
Drobnay, Ignatz	913 Miller St., Luzerne	Harry E. Coal Co.	Harry E.	July 12	Fall of roof	1
Duncheck, Peter	New Philadelphia, Pa.	Lehigh Navigation Coal Co.	Caldale	Feb. 6	Rush of gob from slant chute	1
Duse, Michael	1241 Loomis Ave., Taylor	Glen Alden Coal Co.	Baker	Mar. 6	R.R. cars, caught between	1

FATAL ACCIDENTS - 1947

Name of victim	Address	Name of company	Colliery, mine, etc.	Date	Cause of injury	No. killed
Ellard, Charles	112 Gilroy St., Minooka	Knox Coal Co.	Schooley	Apr. 10	Gas explosion	10
Fetsko, John	948 Winton St., Dumore 201 N. Main St., Pittston	Pennsylvania Coal Co. Number Nine Coal Co.	Underwood No. 9	Dec. 4 Sept. 4	Fall of roof Electrocuted, contact with trolley wire	1
Ganis, Joseph G.	244 Center Ave., Plymouth	Glen Alden Coal Co.	Avondale	June 11	Caught betw. derailed car and rib	1
Gasper, John	Mountain Top, Pa., Wyoming	Lehigh Valley Coal Co.	Franklin	Dec. 11	Gas explosion	8
Cawlas, John	159 E. Fifth St., Wyoming	Knox Coal Co.	Schooley	Apr. 10	Gas explosion	10
Gergel, Adolph A.	Kelvyns, Pa.	Glen Alden Coal Co.	Audenried	Apr. 11	Fall of slate and bone	1
Giambra, Michael	280 Parsonage St., Hightstown	Knox Coal Co.	Schooley	Apr. 10	Gas explosion	10
Gill, Peter	42 Rose Ave., Plains	Lehigh Valley Coal Co.	Henry	Feb. 11	Struck by runaway cars	1
Gollon, Peter	222 Sussex St., Old Forge	Number Nine Coal Co.	No. 9	Oct. 14	Fall of roof	1
Gongliewski, Stanley	610 Edgar St., Troop	Pennsylvania Coal Co.	Underwood	Oct. 13	Gas explosion	2
Gornick, George	310 Moree Ave., Simpson	Hudson Coal Co.	Coal Brook	July 22	Fall of coal	1
Grabski, Henry P.	151 W. Church St., Nanticoke	Glen Alden Coal Co.	Bliss	Nov. 8	Fall of roof	1
Gudaitis, Michael	Wilkes-Barre, Pa.	Lehigh Valley Coal Co.	Franklin	Dec. 11	Gas explosion	8
Harding, William S.	53 W. Washington, Nanticoke	Glen Alden Coal Co.	Bliss	Sept. 2	Caught betw. car & low timber	1
Hoppe, Edward L.	12 Center St., Cortland	Glen Alden Coal Co.	S. Wilkes-Barre	June 6	Fall of roof	1
Jackson, James	157 Sixth St., Wyoming	Knox Coal Co.	Schooley	Apr. 10	Gas explosion	10
Jola, Peter	39 North St., Plymouth	Glen Alden Coal Co.	Nottingham	Aug. 7	Fall of roof	1
Jones, Edward	Plymouth, Pa.	Hudson Coal Co.	Loree	Oct. 6	Fall of roof	1
Jones, Roger	Kingston, Pa.	Lehigh Valley Coal Co.	Franklin	Dec. 11	Gas explosion	8
Kadyshelskie, Peter	102 Second St., Raushaw	(Susquehanna Collieries Div. (of M. A. Hanna Co.)	Glen Burn	Jan. 13	Fall of coal from pillar	1
Kanabroski, Felix	552 W. Main St., Plymouth	Glen Alden Coal Co.	Nottingham	Jan. 15	Gas explosion	15
Kaporal, Edward	Swoverville, Pa.	Hudson Coal Co.	Loree	Apr. 24	Fall of roof	1
Kashinsky, Stanley	109 Wyoming Ave., Wyoming	Dial Rock Coal Co.	Dial Rock	July 18	Fall of top coal	1
Kiddon, Arton	1005 Mt. Carmel St., Shamokin	(Susquehanna Collieries Div. (of M. A. Hanna Co.)	Glen Burn	Aug. 11	(Electrocuted, contact with trolley wire)	1
Kirel, Peter	169 Albino St., Old Forge	Pyne-Taylor Coal Co.	Taylor	Aug. 6	Fall of roof	1
Kocan, Anthony	41 W. South St., Nanticoke	Glen Alden Coal Co.	Loomis	Aug. 23	Fall of roof	1
Kolecek, Albert J.	82 Custer St., Wilkes-Barre	Glen Alden Coal Co.	Kidder Slope	July 20	Fall of roof	1
Kotch, Joseph	245 Broad St., St. Clair	St. Clair Coal Co.	St. Clair	July 19	Caught between car and rib	1
Krajnik, Joseph	946 W. Main St., Plymouth	Glen Alden Coal Co.	Nottingham	Jan. 15	Gas explosion	15

FATAL ACCIDENTS - 1947

Name of victim	Address	Name of company	Colliery, mine, etc.	Date	Cause of injury	No. killed
Kriveski, Anthony	38 Keith St., Hanover Twp. 254 W. Sixth St., W. Wyoming	Glen Alden Coal Co. Lehigh Valley Coal Co.	Loomis Westmoreland	June 2 Oct. 10	Struck by mine cars Fall of roof	1 2
Kucek, Victor	48 Weston Lane, Wilkes-Barre	Glen Alden Coal Co.	Nottingham	Jan. 15	Gas explosion	15
Kupinskiy, Lewis	317 River St., Duryea	Number Nine Coal Co.	No. 9	Sept. 24	Fall of roof	3
Kurek, Frank	117 E. Fulton St., Wilkes-Barre	Glen Alden Coal Co.	S. Wilkes-Barre	May 7	Fell, struck head on car	1
Kuzimich, George						
Lacina, Thomas	37 Cooper Hill, W. Wyoming	Lehigh Valley Coal Co.	westmoreland	Oct. 10	Fall of roof	2
Leonard, Harry	Donaldson, Pa.	Williams & Fisher Contr. Co.	Stripping	Jan. 6	Fall of rock from side	2
Lewis, Daniel	305 W. Main St., Plymouth	Glen Alden Coal Co.	Nottingham	Jan. 15	Gas explosion	1
Liszka, Andrew E.	283 E. Blain St., McDadeo	Lehigh Valley Coal Co.	Hazleton Shaft	Jan. 22	Premature blast	15
Lubinski, Paul	845 N. Washington, Wilkes-Barre	Lehigh Valley Coal Co.	Dorrance	Aug. 7	Fall of top coal	1
Lucci, Ubaldo	2117 Dorothy St., Scranton	S. Naselli Coal Co.	Nine	Apr. 10	Fall of roof	1
Makowski, Alex	1127 Pulaski Ave., Shannokin	Phil. & Reading C. & I. Co.	Locust Gap	Apr. 10	Fall of roof	2
Malcansis, Charles	27 Hill Park Ave., Pittston	Payne Coal Co.	Exeter	Jan. 4	Fall of rock	1
Malia, Anthony	450 W. Ogden St., Girardville	Phil. & Reading C. & I. Co.	Hunter Tunnel	Aug. 25	Premature blast	1
Malko, Michael	1724 Bulver St., Scranton	Moffat Coal Co.	Cayuga	May 12	Fall of bone	1
Mallock, Michael	805 Luzerne St., Scranton	Glen Alden Coal Co.	Baker	June 25	Fall of roof	1
Mandarano, John	416 Sherwood Ave., Dunmore	Pennsylvania Coal Co.	Underwood	Feb. 18	Fall of roof	1
Marcheski, John	37 Logan St., Wilkes-Barre	Glen Alden Coal Co.	Huber	July 22	Fall of roof	3
Martz, Robert C.	443 S. Sherman St., Wilkes-Barre	Glen Alden Coal Co.	Huber	Mar. 6	Blast	1
Mazzacco, Louis	106 S. Main St., Archbald	Hudson Coal Co.	Olyphant	Jan. 29	Fall of roof	1
Neriesky, Joseph	1247 Howery St., Old Forge	Number Nine Coal Co.	No. 9	Sept. 24	Fall of roof	3
Nikula, George	Holywood, Pa.	Hydrotated Anth. Fuel Co.	Lattimer	Sept. 25	Fall of top coal	1
Nileski, John	113 Rebecca Ave., Throop	Hudson Coal Co.	Eddy Creek	Nov. 8	Fall of roof	1
Miller, John A.	414 W. Pine St., Mahanoy City	Phil. & Reading C. & I. Co.	Iahancy City	Sept. 2	Premature blast	1
Minarchick, John	34 N. Spruce St., Lit. Carmel	Phil. & Reading C. & I. Co.	Locust Gap	July 29	Fall of roof	1
Kinkiewicz, Peter	629 Lee St., Plymouth	Glen Alden Coal Co.	Nottingham	Jan. 15	Gas explosion	15
Kont, Rudolph	49 Vine St., Ashley	Glen Alden Coal Co.	Huber	May 6	Fall of roof	1
Nytsch, Stanley	4 W. River St., Plymouth	Glen Alden Coal Co.	Nottingham	Jan. 15	Gas explosion	15
Nat, John	105 Spring St., Wilkes-Barre	Lehigh Valley Coal Co.	Dorrance	Jan. 6	Fall of coal from pillar	1
Naugle, Raymond E.	R. D. #2, Avoca	Kehoe-Berge Coal Co.	Bed Ash Shaft	Feb. 22	Fall of roof	1
Nealon, Frank J.	732 Dudley St., Throop	Hudson Coal Co.	Sept. 12	Fall of roof	1	
Heib, Ludwig	291 Ardover St., Wilkes-Barre	Glen Alden Coal Co.	S. Wilkes-Barre	Jan. 7	Fall of roof	1
Novitsky, John	Mount Carmel, Pa.	Phil. & Reading C. & I. Co.	Potts	Jan. 10	Drawn down into chute, crossing on loose coal when men started chute	1

FATAL ACCIDENTS - 1947

Name of victim	Address	Name of company	Colliery, mine, etc.	Date	Cause of injury	No. killed
O'Donnell, Arthur Oljeski, Edmund Ostrowski, Chester Ott, Herbert	54 Brown St., Swoyerville Mountain Top, Pa. 260 Orchard St., Plymouth 2908 Fink St., Scranton	Payne Coal Co. Lehigh Valley Coal Co. Glen Alden Coal Co. Continental-Archbald C. Co.	Exeter Franklin Nottingham Archbald	May 12 Dec. 11 Jan. 15 Apr. 19	Collision of trips Gas explosion Gas explosion Lump of coal fell down shaft	1 8 15 1
Paczkoskie, Clement Pailo, Frank Palachik, Paul Palazzari, Andrew Panzitta, Michael Parker, Edward Pelcar, Carl F. Pietrusz, Frank P. Podhorsky, Leo Polumbo, Joseph Poteran, Klemen J. Pucher, Michael Pulak, Casper Puzzo, Louis	1709 Pulaski Ave., Shamokin 105 Sixth St., Blakely 506 Josephine St., Old Forge 2007 Fair St., Scranton 39 Bryden St., Pittston Twp. 130 Franklin St., Plymouth 160 Brown Row, Wanamie 35 Walter St., Summit Hill 815 Chestnut St., Lyndon 525 Seybert St., Hazleton 47 Blair St., Plymouth 902 ionsey Ave., Scranton Wilkes-Barre, Pa. 25 Penn Ave., Exeter	Stevens Coal Co. Ondrick Coal Co. Russell Coal Co. Moffat Coal Co. Knox Coal Co. Glen Alden Coal Co. Glen Alden Coal Co. Lehigh Navigation Coal Co. Northwest Coal Co. Lehigh Valley Coal Co. Glen Alden Coal Co. Moffat Coal Co. Lehigh Valley Coal Co. Payne Coal Co.	Trevorton Mine Russell Stores Schoolley Nottingham Wanamie Lansford Raymond Hazleton Shaft	Feb. 25 Jan. 30 Nov. 8 Oct. 11 Apr. 10 Jan. 15 May 3 May 23 Dec. 12 May 2	Push of coal in battery Fall of roof Fall of roof Fall of coal from face Gas explosion Gas explosion Struck by derailed car Caught between plank on car & car Fall of roof Cars, in motion, struck jack-hammer, derailed Fall of top coal Fall of roof Gas explosion Caught between derailed car and prop	1 1 1 1 10 15 1 1 1 1 1 1 1 1
Ragowski, John Reitz, Monroe Reitz, Solomon Ryan, William P.	238 Gilligan St., Wilkes-Barre 104 E. Shanokin St., Trevortontown R. D. #5, Danville	Glen Alden Coal Co. Phila. & Reading C. & I. Co. Phila. & Reading C. & I. Co.	S. Wilkes-Barre Locust Gap Reliance	Sept. 26 Apr. 10 Jan. 9	Fall of roof Fall of roof Outburst of tons of coal at face, from roof pressure	1 2 1
Rinkus, Ignatz Sadowski, Stanley Savage, Anthony Schmalz, Charles L.	23 Friend St., Port Griffith 403 N. Main St., Pittston	Payne Coal Co. Number Nine Coal Co.	Exeter No. 9	Mar. 22 Nov. 28	Fall of roof Fall down shaft	1 1
Schopp, John A. Selega, Anthony Senovech, Walter Shields, Julius Shuck, Martin D.	240 Boland Ave., Lee Park W-B 413 Charles St., Scranton 57 Center St., Hughestown Minersville, Pa. 140 Old Cranberry, Hazleton 205 Nicholson St., Wilkes-Barre Locust Dale, Pa. Locust Gap, Pa.	Glen Alden Coal Co. Hudson Coal Co. Hudson Coal Co. Phila. & Reading C. & I. Co. Cranberry Improvement Co. Lehigh Valley Coal Co. Phila. & Reading C. & I. Co. Phila. & Reading C. & I. Co.	Buttonwood Marvine Pine Ridge Oak Hill Cranberry Franklin Potts Monitor Strip.	Sept. 13 Feb. 10	Timber fell down shaft Stripping cut gave way under bulldozer he was operating Prop swung out of hitch Caught between railroad cars Struck by runaway cars Struck by loading machine boom Truck body fell on him, when safety block & jack slipped out	1 1 1 1 1 1 1 1

FATAL ACCIDENTS - 1947

Name of victim	Address	Name of company	Colliery, mine, etc.	Date	Cause of injury	No. killed
Siankowski, Stanley	418 S. Sherman, Wilkes-Barre	Lehigh Valley Coal Co.	Franklin	July 26	Electrocuted, contact with trolley wire	1
Sillup, Stephen	Ashley, Pa.	Lehigh Valley Coal Co.	Franklin	Dec. 11	Gas explosion	8
Sintuk, Joseph	523 Jones St., Nanticoke	Glen Alden Coal Co.	Truesdale	Aug. 8	Fall of roof	1
Sipos, Manus	745 Lehigh St., Wilkes-Barre Twp.	Glen Alden Coal Co.	Huber	Mar. 21	Fall of top coal	1
Skapik, Joseph F.	221 W. Kline Ave., Lansford	Lehigh Navigation Coal Co.	Lansford	Mar. 22	Caught in machinery at screening plant	1
Skaznecki, Ignatz	Wilkes-Barre Twp.	Lehigh Valley Coal Co.	Franklin	Dec. 11	Gas explosion	1
Smeltz, James H.	R. D. Klingerstown	Stevens Coal Co.	Treverton	May 14	R. R. cars, struck, run over by	1
Smith, James	22 Smith Row, Plymouth	Glen Alden Coal Co.	Nottingham	Jan. 15	Gas explosion	15
Soback, Anthony	420 Perry St., Nanticoke	Glen Alden Coal Co.	Truesdale	Nov. 20	Fall of roof	1
Solinski, Andrew	129 Center St., Hanover Twp.	Glen Alden Coal Co.	Wanamie	Jan. 28	Blast	1
Solomon, Alfred, Jr.	65 Courtwright St., Plains Twp.	Plains-Lillard Coal Co.	No. 14 Drifts	Mar. 11	Fall of roof	1
Spook, Frank	8 Fine St., Alden Station	Glen Alden Coal Co.	Bliss	Jan. 25	Electrocuted, contact with high tension wire	1
Straub, Martin	Kingston, Pa.	Glen Alden Coal Co.	Woodward	Feb. 10	Caught between car and rib	1
Tkach, Andrew	171 First St., Coaldale	Lehigh Navigation Coal Co.	Coaldale	Feb. 13	Fall of coal from rib	1
Tomaszewski, Joseph	310A Jones St., Minooka	Knox Coal Co.	Schooley	Apr. 10	Gas explosion	10
Trotta, Richard	41 Center St., Pittston	Knox Coal Co.	Schooley	Apr. 10	Gas explosion	10
Usifera, Luke	40 Curry St., Plymouth	Glen Alden Coal Co.	Nottingham	Jan. 15	Gas explosion	15
Vanchure, Michael	422 Matson Ave., Wilkes-Barre	Hudson Coal Co.	Pine Ridge	Mar. 6	Caught in gears on conveyor line	1
Varkaitis, Bernard	109 Grant St., Dickson City	Mofrat Coal Co.	Stoers	Feb. 10	Truck ran off icy road, upset	1
Vivaldi, Eugene	540 Green St., Duryea	Knox Coal Co.	Schooley	Apr. 10	Gas explosion	10
Wagner, Milton	37 N. Beech St., Mt. Carmel	Phila. & Reading C. & I. Co.	Reliance	Oct. 13	Asphyxiated, carbon monoxide	1
Walsh, Joseph	25 Lindberg Ave., Wyoming	Dial Rock Coal Co.	Dial Rock	Dec. 19	Chain holding sheave wheel broke, car ran back	1
Watkins, Cornelius	307 N. Locust St., Mt. Carmel	Raven Run Coal Co.	Germanium	July 11	Rush of coal & rock from chute	1
Weber, Irvin	80 S. Coal St., Port Carbon	Phila. & Reading C. & I. Co.	Maple Hill	Jan. 31	Fall of rock	1
Wehr, Hiram	1102 E. Mahanoy Ave., Mahanoy City	"	Mahanoy City	Nov. 17	Fall of top coal	1
Whiteside, John	Girardville, Pa.	Rose Valley Coal Co.	Packer #5	Jan. 3	Blast	1
Wilde, John	167 Nottingham St., Plymouth	Glen Alden Coal Co.	Nottingham	Jan. 15	Gas explosion	15
Willis, John	R. D. #1, Barnesville	Hammond Coal Co.	Hammond	Nov. 28	Wedge came loose, releasing drag cable, causing rope to swing	1
Woyslaw, Chester	237 E. Grand St., McAdoo	Glen Alden Coal Co.	Audenried	Dec. 4	Blast	1

FATAL ACCIDENTS - 1947

Name of victim	Address	Name of company	Colliery, mine, etc.	Date	Cause of injury	No. killed
Yannoni, Pasquale	270 E. High St., Coaldale	Lehigh Navigation Coal Co.	Tamaqua	May 21	Struck by mine cars	1
Yanochik, John	306 Hand St., Jessup	Pennsylvania Coal Co.	Underwood	Oct. 13	Gas explosion	2
Yazazik, John	1065 S. Valley Ave., Olyphant	Morrat Coal Co.	Storms	Jan. 6	Fall of roof	1
Yob, Virgil	210 Girard St., Atlas	Raven Run Coal Co.	Germantown	May 27	Fall of slate	1
Yoka, Frank W.	437 E. Camp St., Mt. Carmel	Susquehanna Collieries Div. of M. A. Hanna Co.	Glen Burn	Sept. 27	Caught between power shovel and rock wall	1
Zajaczkowski, Stanley	16 Thomas St., Sheetown	" " "	No. 7	Dec. 24	Fall of rock	1
Zawatski, Stanley	Plymouth, Pa.	Glen Alden Coal Co.	Lancaster	Oct. 18	Fall of roof	1
Zielinski, John	453 W. Shawnee Ave., Plymouth	Glen Alden Coal Co.	Nottingham	Jan. 15	Gas explosion	15
Zlotek, Carl	165 Church St., Plymouth	Glen Alden Coal Co.	Nottingham	Jan. 15	Gas explosion	15
Zorick, Theodore J.	372 E. Newport St., Ashley	Glen Alden Coal Co.	Huber	July 22	Fall of roof	3

Causes of Fatal Accidents, By Counties, 1947

	Total	Wayne	Susquehanna	Sullivan	Northumberland-Land	Luzerne	Dauphin	Columbia	Dauphin	Carbon	Dauphin	Columbia	Dauphin	Columbia	Lackawanna	Northumberland-Land	Schuylkill	Sullivan	Wayne	Total	
Inside																					
Direct falls	1	2	1	11	32	4	1	1	1	1	1	1	1	1	51
Indirect falls	1	1	1	11	11	2	3	1	1	1	1	1	1	1	24
Cars	•	•	•	•	•	•	.	.	.	1	1	2	1	1	1	1	1	1	1	1	4
Falling material	•	•	•	•	•	•	.	.	.	1	1	1	1	1	1	1	1	1	1	1	1
Fell, struck head on oil box of car	•	•	•	•	•	•	.	.	.	1	1	1	1	1	1	1	1	1	1	1	1
Explosions of gas	•	•	•	•	•	•	.	.	.	2	2	33	1	1	1	1	1	1	1	1	35
Blasts	•	•	•	•	•	•	.	.	.	1	1	3	1	1	1	1	1	1	1	1	7
Electricity	•	•	•	•	•	•	.	.	.	1	1	2	1	1	1	1	1	1	1	1	3
Rush of material, in battery or chute	•	•	•	•	•	•	.	.	.	1	1	1	1	1	1	1	1	1	1	1	3
Miscellaneous	•	•	•	•	•	•	.	.	.	1	1	1	1	1	1	1	1	1	1	1	2
Total inside	•	•	•	•	•	•	2	4	1	23	98	9	11	1	1	1	1	1	1	1	147
Outside																					
Mine cars	•	•	•	•	•	•	.	.	.	1	1	1	1	1	1	1	1	1	1	1	1
Railroad cars	•	•	•	•	•	•	.	.	.	1	1	2	1	1	1	1	1	1	1	1	5
Fall of person	•	•	•	•	•	•	.	.	.	1	1	1	1	1	1	1	1	1	1	1	2
Electricity	•	•	•	•	•	•	.	.	.	1	1	1	1	1	1	1	1	1	1	1	2
Machinery	•	•	•	•	•	•	.	.	.	1	1	1	1	1	1	1	1	1	1	1	1
Loading machine boom, struck by	•	•	•	•	•	•	.	.	.	1	1	1	1	1	1	1	1	1	1	1	2
Falling material from side of stripping pit	•	•	•	•	•	•	.	.	.	1	1	1	1	1	1	1	1	1	1	1	1
Stripping bank gave way under bulldozer he was operating	•	•	•	•	•	•	.	.	.	1	1	1	1	1	1	1	1	1	1	1	1
Struck by power shovel	•	•	•	•	•	•	.	.	.	1	1	1	1	1	1	1	1	1	1	1	1
Truck body fell on him, when jack slipped out	•	•	•	•	•	•	.	.	.	1	1	1	1	1	1	1	1	1	1	1	1
Truck ran off icy road, upset	•	•	•	•	•	•	.	.	.	1	1	1	1	1	1	1	1	1	1	1	1
Wedge came loose, releasing drag cable, causing rope to swing	•	•	•	•	•	•	.	.	.	1	1	1	1	1	1	1	1	1	1	1	1
Total outside	•	•	•	•	•	•	2	1	1	2	5	4	4	1	1	1	1	1	1	1	18
Grand total, inside and outside	•	•	•	•	•	•	4	5	5	25	103	13	15	15	15	15	15	15	15	15	165

PRODUCTION PER FATAL INSIDE, AND PRODUCTION PER FATAL INSIDE AND OUTSIDE, BY DISTRICT

Year 1947

Dist- ri- ct	Inspector	Deep mined production	Stripping production	Bank production	Total production	Fatal- ties inside	Fatal- ties outside	Fatal- ties total	Production per fatal inside & outside	Production per fatal deep mined	Days worked
1	J. F. Manley	2,077,576	549,267	159,409	2,786,252	5	-	5	415,515	557,250	3,779
2	T. L. Wackley	1,789,420	70,481	186,409	2,046,380	8	-	8	233,686	255,798	2,654
3	W. G. Ward	1,826,273	178,993	293,648	2,299,214	6	-	2	304,429	287,402	275
4	T. D. Rees	1,609,269	66,833	198,240	1,874,312	3	-	3	536,423	624,781	3,405
5	J. J. Bonner	1,069,011	238,262	220,918	1,528,191	7	-	7	152,716	218,113	3,097
6	A. Wilson	1,186,241	266,787	-	1,453,028	23	1	24	51,576	60,543	2,774
7	D. H. Connally	1,861,350	64,297	147,794	2,073,441	12	-	12	155,113	172,757	2,443
8	T. M. Beaney	1,751,419	2,127	9,494	1,763,040	11	-	11	159,220	160,276	3,289
9	J. C. Hines	1,771,085	139,830	223,197	1,734,112	1	-	2	3	1,379,085	578,037
10	*H. R. Owens	1,869,692	265,862	38,756	2,174,310	18	-	18	103,872	120,795	3,126
11	E. C. Curtis	2,275,126	230,344	4,693	2,510,163	4	1	5	568,782	502,033	284
12	J. D. Edwards	2,114,179	375,744	4,294	2,494,182	13	-	13	162,629	191,860	3,952
13	K. C. Lee	2,321,614	311,239	7,906	2,653,759	5	-	5	466,323	530,752	3,920
14	R. Ditzler	896,538	569,608	237,542	1,703,688	2	-	2	448,269	851,844	2,353
15	Vacant	721,222	406,838	203,322	1,331,382	3	1	4	240,407	323,846	2,456
16	W. J. Clements	2,625,307	1,067,461	465,127	4,157,895	3	2	5	875,102	831,579	260
17	J. J. Shober	1,741,553	931,983	246,499	2,926,135	2	1	3	870,827	975,378	4,408
18	T. A. Ryan	947,091	1,433,467	431,855	2,812,433	2	1	3	473,546	937,471	231
19	J. H. Morgan	1,473,559	870,427	1,053,498	3,377,484	4	-	4	368,390	844,371	2,355
20	H. Hilbert	1,239,651	838,560	194,757	2,272,968	-	-	-	-	2,767	235
21	R. O. Schneider	1,669,033	1,009,109	742,712	3,420,854	4	1	5	417,258	684,171	5,120
22	J. P. Brophy	1,934,054	885,933	440,107	3,260,094	8	2	10	211,757	326,009	4,522
23	J. R. Ruan	1,558,771	1,296,945	1,385,927	4,241,633	3	3	6	519,590	706,939	3,098
24	G. E. Smith	520,393	611,985	200,737	1,333,025	-	1	1	-	1,333,025	1,623
25	REGION	38,459,807	12,691,382	7,076,796	58,227,985	147	18	165	261,631	352,897	80,730

* Retired Oct. 16, 1947
Compiled and typed by B.E.R.

PRODUCTION PER FATAL INSIDE, AND PRODUCTION PER FATAL INSIDE AND OUTSIDE, BY OPERATOR

Year 1947

Operator	Deep mined production	Stripping production	Bank production	Total production	Fatal- ties inside	Fatal- ties outside	Fatal- ties total	Production per fatal inside and outside	Production per fatal inside	Production per fatal outside	Production per fatal days worked	
Ceccerelli Coal Co.	2,921	-	-	2,921	1	1	1	2,921	2,921	14	126	
Coal Rain Coal Co.	24,717	28,446	270	53,433	-	-	1	53,433	53,433	90	213	
Continental-Archieball C. & O.	325,469	-	325,469	1	1	1	1	325,469	325,469	473	292	
C. Q. & W. Coal Co.	20,013	-	20,013	1	1	1	1	20,013	20,013	19	220	
Cranberry Improvement Co.	98,520	11,991	40,922	151,433	-	-	1	-	151,433	567	85	
Dial Rock Coal Co.	72,037	-	-	72,037	2	2	2	36,019	36,019	139	267	
Glen Alden Coal Co.	6,832,308	807,830	4,259	7,644,397	50	2	52	136,646	147,008	13573	280	
Guthrie Coal Co.	27,396	-	-	27,396	1	1	1	27,396	27,396	25	286	
Hammond Coal Co.	284,776	101,915	62,457	449,148	-	1	1	-	449,148	755	242	
Harry E. Coal Co.	290,331	-	3,707	294,038	2	2	2	115,166	147,019	556	286	
Iudson Coal Co.	4,395,364	147,534	81,053	4,623,951	8	3	11	549,421	420,359	6298	280	
Hydrated Anth. Fuel Co.	39,107	37,352	66,956	143,415	1	1	1	39,107	143,415	247	213	
Jeddo-Highland Coal Co.	594,040	364,855	32,254	991,149	1	1	1	594,040	991,149	1422	273	
Jermyn-Green Coal Co.	826,194	10,123	-	836,317	1	1	1	826,194	836,317	1594	255	
Kehoe-Berge Coal Co.	521,362	8,159	49,517	582,038	1	1	1	524,362	582,038	1117	267	
Knox Coal Co.	470,903	-	-	470,903	10	10	10	107,090	47,090	507	291	
Lehigh Navigation Co. Co.	3,065,996	1,305,807	205,366	4,577,169	3	2	5	1,021,999	915,434	6414	258	
Lenihan Valley Coal Co.	2,750,013	206,273	67,444	3,023,730	17	17	17	161,765	177,866	4,888	268	
Lohr Coal Co.	-	-	-	8,700*	-	1	1	-	8,700	55	199	
Mascelli (S.) Coal Co.	33,266	-	-	33,266	1	1	1	-	33,266	33,266	37	280
Noffat Coal Co.	1,257,723	75,515	-	1,333,238	4	1	5	314,431	266,648	1551	292	
Natalie Coal Corp.	-	-	-	133,878*	-	1	1	-	133,878	96	193	
Northwest Coal Co.	307,355	51,283	-	358,638	1	1	1	307,355	358,638	774	243	
Number Nine Coal Co.	539,805	12,302	47,786	599,893	6	6	6	89,968	99,982	896	286	
Ondrick Coal Co.	4,345	-	2,351	4,345	1	1	1	4,345	4,345	10	242	
Payne Coal Co.	390,104	105,587	-	498,042	5	5	5	78,042	99,408	864	264	
Pennsylvania Coal Co.	842,051	-	122,068	964,119	4	4	4	210,513	241,030	1681	293	
Phila. & Reading C. & I. Co., 3,447,239	2,694,565	1,146,562	7,285,366	13	2	15	265,172	485,891	9335	269		
Plains-Hilldale Coal Co.	136,035	35,287	-	171,322	1	1	1	136,035	171,322	215	295	
Pyne-Taylor Coal Co.	327,666	-	-	327,666	1	1	1	247,666	327,666	445	292	
Raven Run Coal Co.	419,555	108,394	-	527,949	2	2	2	209,778	263,975	618	281	

PRODUCTION PER FATAL INSIDE, AND PRODUCTION PER FATAL INSIDE AND OUTSIDE, BY OPERATOR, CONTD.

Year 1947

Operator	Deep mined production		Stripping production		Bank production		Total production		Fatal- ties inside	Fatal- ties outside	Fatal- ties per fatal mined	Production per fatal inside and outside	Empl- oyees	Days worked
							Total	deep	inside	outside	total			
Rose Valley Coal Co.	28,817	-	685	-	29,502	1	-	1	28,817	-	29,502	653	27	
Russell Coal Co.	102,252	-	-	102,252	1	-	1	102,252	-	102,252	225	264		
St. Clair Coal Co.	232,583	202,412	334,209	769,204	1	-	1	232,583	-	769,204	850	288		
Stevens Coal Co.	-	-	-	2,102,282*	1	2	3	-	2	3	700,761#	1264	285	
Susquehanna Collieries Div.	2,201,025	279,268	-	2,480,993	4	1	5	550,256	4	550,256	496,199	3653	271	
N. A. Hanna Co.	38,459,807@	12,691,382@	7,076,796@	58,227,985@	147	18	165	261,631@	147	261,631@	352,897@	80,730@	277@	

* Preparation plant
 # Prepared mine and strip coal. Two fatalities occurred at the breaker, and one at a deep mine, whose production has been credited to Stevens Co. Co.

@ Total for region, not total for companies shown on this statement

Accidents in Which Five or More Persons Were Killed, 1847 - 1947

Date	Name of colliery	Location of colliery	Cause of accident	No. killed
1847 Feb. 6	Spencer	Pottsville	Explosion of gas	7
1869 Sept. 6	Avondale	Plymouth	Mine fire	110
1870 Mar. 22	Potts	Locust Dale	Boiler explosion	5
Aug. 10	Heins & Glassmire	Middleport	Cage falling down shaft	9
Aug. 29	Preston #3	Girardville	Car falling down slope	7
1871 May 27	West Pittston	West Pittston	Suffocation by smoke from burning breaker	20
Oct. 2	Otto Red Ash	Branch Dale	Explosion of gas	5
1873 June 10	Henry Clay	Shamokin	Explosion of gas	10
1877 May 9	Wadesville	Wadesville	Explosion of gas	7
1878 Jan. 15	Potts	Locust Dale	Explosion of gas	5
1879 May 6	Audenried	Audenried	Explosion of gas	6
Nov. 2	Mill Creek	Mill Creek	Explosion of gas	5
1880 May 3	Lykens Valley	Shamokin	Explosion of gas	5
1882 May 24	Kohinoor	Shenandoah	Explosion of gas	5
1884 Aug. 21	Buck Ridge	Shamokin	Mine fire	7
1885 Apr. 6	Cuyler	Raven Run	Fall of roof	10
Aug. 11	West End	Mocanaqua	Suffocation by gas from boiler fire	10
Oct. 21	Plymouth #2	Plymouth	Explosion of gas	6
Dec. 18	Nanticoke #1	Nanticoke	Inrush of quicksand	26
1886 Aug. 30	Fair Lawn	Scranton	Explosion of gas	6
Sept. 13	Marvine	Scranton	Suffocation by gas	8
Nov. 26	Conyngham	Wilkes-Barre	Explosion of gas	12
1887 Apr. 27	Tunnel	Ashland	Suffocation by gas	5
Oct. 1	Bast	Big Mine Run	Explosion of gas	5
1889 May 9	Kaska William	Middleport	Car falling on cage in shaft	10
1890 Feb. 1	Nottingham	Plymouth	Explosion of gas	8
Mar. 3	S. Wilkes-Barre #3	Wilkes-Barre	Explosion of gas	8
Apr. 2	Susquehanna #4	Nanticoke	Explosion of gas	5
May 15	Jersey #8	Ashley	Explosion of gas	26
1891 Feb. 4	Spring Mtn. #1	Jeanesville	Drowned by water from old workings	13
Oct. 23	Richardson	Glen Carbon	Suffocation by gas	7
Nov. 8	Susquehanna #1	Nanticoke	Explosion of gas	12
1892 Apr. 20	Lytle	Minersville	Drowned by water from old workings	10
July 23	York Farm	Pottsville	Explosion of gas	15
1893 Apr. 1	Neilson	Shamokin	Mine fire	10
June 22	Susquehanna #1	Nanticoke	Explosion of gas	5
Sept. 21	Lance #11	Plymouth	Explosion of gas	6
1894 Feb. 13	Gaylord	Plymouth	Fall of roof	13
July 17	East Sugar Loaf	Stockton	Explosion of powder & dynamite	8
Oct. 8	Luke Fidler	Shamokin	Mine fire	5
Oct. 11	Henry Clay	Shamokin	Boiler explosion	6
1895 Feb. 18	West Bear Ridge	Mahanoy Plane	Explosion of gas	5
Oct. 7	Dorrance	Wilkes-Barre	Explosion of gas	7
1896 June 28	Twin	Pittston	Fall of roof	58
Oct. 29	S. Wilkes-Barre #3	Wilkes-Barre	Explosion of gas	6
1897 Jan. 13	Wadesville	Wadesville	Crosshead fell down shaft	5
Sept. 28	Jermyn #1	Rendham	Mine fire	5
Oct. 30	Von Storch	Scranton	Mine fire	6
1898 May 26	Kaska William	Middleport	Drowned by water from old workings	6
Oct. 1	Midvale	Wilkes-Barre	Mine fire	5
Nov. 5	Exeter	West Pittston	Car fell on cage in shaft	9
1900 Nov. 9	Buck Mountain	Mahanoy City	Explosion of gas	7
1901 Oct. 25	Buttonwood	Plymouth	Explosion of gas	6
1902 Nov. 29	Luke Fidler	Shamokin	Explosion of gas	7
Dec. 9	S. Wilkes-Barre	Wilkes-Barre	Explosion of powder & dynamite	5
1904 Jan. 30	Maple Hill	Mahanoy City	Explosion of powder & dynamite	5
May 5	Lance	Plymouth	Explosion of powder & dynamite	5
May 5	Locust Gap	Locust Gap	Mine fire	5
May 25	Williamstown	Williamstown	Suffocation by gas from mine locomotive	10
Nov. 2	Auchincloss	Nanticoke	Falling down shaft	10
1905 Feb. 18	Lytle	Minersville	Fall of roof	5

Accidents in Which Five or More Persons Were Killed, 1847 - 1947

Date	Name of colliery	Location of colliery	Cause of accident	No. killed
1905 Mar. 9	Clear Spring	West Pittston	Falling down shaft	7
Apr. 26	Conyngham	Wilkes-Barre	Falling down shaft	10
1906 May 15	Shenandoah City	Shenandoah	Explosion of powder & dynamite	7
Aug. 6	Susquehanna #7	Nanticoke	Explosion of gas	6
1907 Mar. 2	Holden	Taylor	Explosion of gas	7
1908 June 18	Johnson #1	Pricelburg	Explosion of gas	7
May 12	Mount Lookout	Wyoming	Explosion of gas	12
May 13	Prospect	Midvale	Fall of roof	5
July 15	Williamstown	Williamstown	Explosion of powder & dynamite	6
Aug. 28	Warrior Run	Wilkes-Barre	Mine cars	6
1909 Mar. 2	Pennsylvania #14	Pittston	Explosion of gas	8
Nov. 9	Auchincloss	Nanticoke	Mine fire	9
1910 Jan. 11	Nottingham	Plymouth	Explosion of gas	7
Mar. 12	So. Wilkes-Barre #5	Wilkes-Barre	Explosion of gas	7
1911 Apr. 7	Pancoast	Throop	Mine fire	72
May 27	Cameron	Shamokin	Explosion of gas	5
Sept. 12	Marvine	Scranton	Mine cars	5
Oct. 3	Drifton #2	Freeland	Cave-in	5
1912 Jan. 9	Parrish	Plymouth	Explosion of gas	6
1913 Aug. 2	East Brookside	Tower City	Explosion of gas	20
1914 May 29	Maryd	Maryd	Overwinding of cage	6
Sept. 16	Lehigh #4	Lansford	Explosion of gas	7
Dec. 9	Diamond	Scranton	Falling down shaft	13
1915 Feb. 17	Prospect	Wilkes-Barre	Explosion of gas	13
1916 Feb. 8	Lance #11	Plymouth	Explosion of gas	7
Mar. 9	Hollenback #2	Wilkes-Barre	Explosion of gas	6
Aug. 8	Woodward	Edwardsville	Explosion of gas	6
1919 June 5	Baltimore #5 (Baltimore Tunnel)	Wilkes-Barre	Explosion of powder & dynamite	92
July 8	Lansford	Lansford	Explosion of gas	8
1921 Mar. 9	Rahn	Seek	Explosion of gas	5
1922 Nov. 3	Eddy Creek	Scranton	Premature blast	6
1923 Feb. 21	Alliance	Middleport	Explosion of gas	5
June 26	Richards	Mount Carmel	Explosion of gas	5
Dec. 8	Mount Jessup #2	Jessup	Fall of roof	5
1924 June 6	Loomis	Nanticoke	Explosion of gas	14
1925 May 22	Woodward	Edwardsville	Explosion of gas	7
Aug. 3	Dorrance	Wilkes-Barre	Explosion of gas	10
1926 May 6	Randolph	Port Carbon	Explosion of gas	5
July 3	Pettebone	Kingston	Explosion of gas	7
Oct. 30	Susquehanna #7	Nanticoke	Explosion of gas	9
1927 May 26	Woodward	Edwardsville	Fall of roqf, followed by explosion of gas	7
1928 May 25	Baltimore #5	Wilkes-Barre	Explosion of gas	10
1930 Aug. 8	Gilberton	Gilberton	Fall of roof	8
1931 May 29	Richards	Mt. Carmel	Explosion of gas	5
1935 Jan. 21	Gilberton	Gilberton	Explosion of gas	13
May 7	S. Wilkes-Barre	Wilkes-Barre	Piece of rock fell down shaft, struck cage	7
1936 Aug. 24	Clear Spring	West Pittston	Explosion of gas	5
1938 Apr. 27	St. Clair	St. Clair	Explosion of gas	8
June 2	Volpe	Pittston Twp.	Explosion of gas	10
1943 Sept. 24	Primrose	Minersville	Explosion of gas	14
1947 Jan. 15	Nottingham	Wilkes-Barre	Explosion of gas	15
Apr. 10	Schooley	Exeter Bro.	Explosion of gas	10
Dec. 11	Franklin	Wilkes-Barre Twp.	Explosion of gas	8

ANTHRAHITE DIVISION

Stripping Report - Year 1947

Dist- rict	Operator & Stripping	Stripping production	Days worked	Empl- oyees
10	Alderson Mining Co.	1,539	220	*
20	Alpec Coal Co.	59,088	168	47
1	Annamay Coal Co.	8,418	289	10
Bazley, J. Robert, Inc.				
22	Stripping	36,036	136	23
23	"	90,120	198	74
	Total for Co.	126,156		97
16	Beaver Brook Coal Co.	5,479	226	7
1	Benjamin Coal Co.	13,410	239	12
21	Blackwood Coal Co.	123,705	210	35
12	B. & M. Construction Co.	1,398	101	*
1	Booth (John) Inc.	110,996	275	58
21	Branchdale Coal Co.	5,486	59	20
21	Buck Run Colliery Co.	231,105	210	58
	Burke Stripping Co.			
1	Stripping	103,791	300	65
19	"	28,219	217	11
	Total for Co.	132,010		76
3	Butera Coal Co.	5,003	53	10
1	B. & D. Stone	7,249	138	19
15	Cabin Creek Coal Co.	500	34	6
10	Capone Coal Co.	9,846	232	*
12	Carey, Baxter & Kennedy	210,406	298	90
23	Centralia Mining Co.	91,756	194	41
8	C. & G. Coal Co.	18,887	262	7
18	Coal Rain Coal Co.	28,446	152	17
19	Colite Coal Co.	192,915	296	108
10	Conlon Coal Co.	9,479	268	*
16	Cranberry Improvement Co.	11,991	90	23
21	Dando, J. P.	29,893	206	20
21	D. & B. Coal Co.	39,801	240	28
	DeAngelis Coal Co.			
1	Bolands Stripping	150,048	289	*
3	DeAngelis "	53,196	279	18
	Total for Co.	203,244		18
20	Delano Anth. Collieries Co.	7,297	13	68
	Deweese Bros.			
1	Stripping	18,952	292	20
12	"	15,019	259	10
	Total for Co.	33,971		30
13	Dick (A.E.) Contracting Co.	301,268	298	61
23	Dragondale Corp.	26,795	199	27
	Duryea Anthracite Co.			
10	Packer Stripping	7,449	239	*
14	West End "	13,820	263	4
	Total for Co.	21,269		4
18	Fairclough Mining Corp.	14,756	194	21
1	Farnetti Coal Co.	253	12	10
10	Fiorini Coal Co.	7,112	54	10
19	Frackville Coal Co.	7,400	56	22
10	Franklin Coal Mining Co.	12,718	285	100
25	Franklin-Lykens Coal Co.	15,605	80	22
6	Fritz Bros. Coal Co.	2,111	155	4
	Gasparini Stripping Co.			
2	Stripping	22,805	300	15
3	"	27,969	299	16
20	Boston Run Stripping	59,242	221	50
	Total for Co.	110,016		81
1	Gateway Coal Co.	22,060	255	10
7	Gaylord Coal Co.	5,682	152	8

Stripping Report - Year 1947, Contd.

Dist- rict	Operator & Stripping	Stripping production	Days worked	Empl- oyees
22	Gilberton Coal Co.	148,782	273	90
6	Gillizzi Coal Co.	10,063	132	6
1	Giombetti Coal Co.	20,920	204	40
22	Girardville Excavating Co.	28,676	141	23
	Glen Alden Coal Co. - Loomis	33,919		
7	Bliss Stripping	227,156	292	*
11	A.E. Dick "	153,733	278	40
14	Wanamie "	194,765	299	36
16	Audenried "	198,227	292	114
	Total for Co.	807,830		190
15	Gowen Coal Co.	11,189	197	5
	Haddock Mining Co.			
15	Deringer	49,770	222	25
15	Tomhicken	33,178	234	26
18	Beaver Meadow	58,718	246	41
	Total for Co.	141,666		92
22	Hammond Coal Co.	101,915	242	63
6	Harris & Walsh	147,780	254	32
22	Hazle Brook Coal Co.			
22	Continental	33,863	183	46
22	Midvalley	2,280	19	16
	Total for Co.	36,143		62
6	Heidelberg Coal Co.	4,779	123	4
	Hudson Coal Co.			
10	Delaware	34,794	291	*
10	Laflin	6,535	293	*
10	Pine Ridge	20,358	291	*
11	A.E. Dick	85,847	295	31
	Total for Co.	147,534		31
16	Humboldt Anthracite Co.	3,757	53	10
15	Hydrated Anth. Fuel Co.	37,352	187	12
21	Indian Head Coal Co.	210,443	246	102
	Jeddo-Highland Coal Co.			
15	Eckley	64,447	280	22
15	Highland #2	59,736	297	50
15	Jeddo #7	129,148	304	57
15	Stockton	111,524	295	65
	Total for Co.	364,855		194
8	Jermyn-Green Coal Co.	10,123	147	9
25	Joliett Coal Co.	2,000	232	70
20	Jones Coal Corp.	74,162	281	48
5	Kehoe-Berge Coal Co.	8,159	267	9
13	Kingston Excavating Co.	74,476	299	17
22	Kohinoor Coal Co.	2,596	16	22
	Lehigh Navigation Coal Co.			
17	Coaldale	361,134	257	201
17	Lansford	422,108	254	271
17	Tamaqua	284,219	258	262
18	Nesquehoning	238,346	249	114
	Total for Co.	1305,807		818
	Lehigh Valley Coal Co.			
9	Westmoreland	2,127	37	8
11	Franklin	26,282	268	9
16	Cranberry	37,716	65	13
18	Hazleton Shaft	140,148	276	71
	Total for Co.	206,273		101
19	Linde (6) & Son	11,120	95	10
6	L. K. Coal Co.	63,750	271	19
22	Locust Coal Co.	189,181	252	131
5	Lombardi, Dominick	3,537	63	8
22	Mammoth Coal Co.	166,946	196	77
25	Markson Coal Co.	52,285	270	63
23	Martinez & Broderick	78,078	281	88

Stripping Report - Year 1947, Contd.

Dist- rict	Operator & Stripping	Stripping production	Days worked	Empl- oyees
19	Miller Contracting Co.	83,020	263	48
1	M. & M. Coal Co.	212	255	*
3	Moffat Coal Co.	75,515	292	18
2	Moosic Mountain Coal Co.	8,772	150	6
19	Morea-New Boston Breaker Corp.	7,834	82	11
21	Morgan, Irving	24,789	200	20
1	Motley Coal Co.	5,673	264	*
18	Mountain Top Coal Co.	135,303	262	86
24	Natalie Coal Corp.	9,510	81	20
21	Necho Coal Co.	106,405	203	114
	Northwest Coal Co.			
1	Raymond	50,065	243	*
3	Capouse	1,218	52	11
	Total for Co.	51,283		11
	Number Nine Coal Co.			
3	Stripping	2,523	40	11
6	Number Nine	9,779	180	10
	Total for Co.	12,302		21
2	Pagnotti Coal Co.	4,635	70	11
16	Payne Coal Co.	105,587	261	36
3	Penn Anthracite Co.	3,840	71	12
2	Perry Construction Co.			
2	Stripping	19,824	97	15
3	"	9,729	94	16
	Total for Co.	29,553		31
	Phila. & Reading Coal & Iron Co.			
18	Reevesdale	200,079	291	93
19	Oak Hill	856,540	292	540
20	Bear Run	11,882	100	26
20	Knickerbocker	265,442	292	108
22	Shenandoah	278,569	288	308
22	Hunter Tunnel	7,256	92	20
22	Bast	130,410	291	71
22	Bancroft	6,535	101	30
23	Locust Gap A-36	29,801	217	31
23	" A-40	56,730	287	34
23	Monitor	298,189	287	229
23	Potts	214,464	256	32
24	Burnside	30,558	131	40
24	Bear Valley S-3	128,624	217	45
24	" S-3A	58,586	231	91
24	Hepburn S-8	120,900	264	57
	Total for Co.	2,694,565		1755
21	Phoenix Coal Co.	17,371	85	25
8	Plains-Hilldale Coal Co.	35,287	299	18
2	Pompey Coal Co.	5,323	296	*
5	Quinn & Walsh	778	125	2
22	Raven Run Coal Co.	108,394	281	86
19	Repplier Coal Co.	11,000	88	73
20	Rhoads Contracting Co.	114,745	263	35
25	Sanchez, Alonzo	24,275	274	8
15	Sandy Run Miners & Producers	72,764	269	31
19	Schoener, Carl	14,820	146	15
5	Schrader, A. J.	47,047	292	16
5	Schrader Bros.	2,921	145	3
21	Schrader Coal Co.	5,252	238	32
1	Scott Coal Co.	307	241	*
12	Seleski Coal Co.	3,521	135	9
1	Simpson Coal Co.	12,295	263	*
19	Spaniard, Lewis	15,187	94	22
5	Sproul, H. B., Constr. Co., Inc.	4,391	75	8
19	St. Clair Coal Co.	202,412	288	116
24	Steam Coals, Inc.	95,998	186	55
16	Steele, T. F., Coal Co.			
	Harwood	6,772	91	16

Stripping Report - Year 1947, Contd.

Dist- rict	Operator & Stripping	Stripping production	Days worked	Empl- oyes
	T. F. Steele, Contd.			
16	Oneida	37,309	176	29
	Total for Co.	44,061		45
18	Stefonick & Falkovitch	62,327	149	39
	Stevens Coal Co.			
24	Trevorton Breaker	678,455	200	273
25	Westwood "	517,820	201	201
	Total for Co.	1,196,275		474
	(Susquehanna Collieries Div. (M. A. Hanna Co.)			
14	No. 7	25,740	269	13
14	Glen Lyon	79,914	276	20
24	Domestic	59,806	249	22
24	Logan Creek	49,169	268	8
24	Northumberland	29,756	190	16
24	Bear Valley	4,746	39	20
24	Luke Fidler	22,155	268	10
24	Foieri	8,682	26	11
	Total for Co.	279,968		120
1	Talerico Excavating Co.	18,764	225	22
22	Tarrone Coal Co.	16,749	292	11
2	Vispi Coal Co.	9,122	121	7
1	Waddell Coal Co.	5,854	283	*
21	Williams Stripping Co.	44,310	249	65
18	Winton Coal Mining Co.	59,860	218	17
22	Zimmerman Coal Co.	29,490	124	23
	REGION	12,691,382		7338 *

* Not segregated from mine employees. Therefore, not an accurate count.

NINETEEN YEAR STUDY OF ANTHRACITE, BY COUNTIES

YEAR	CARBON	COLUMBIA	DAUPHIN	LACKAWANNA	LUZERNE	NORTHUMBER.	SCHUYLKILL	SULLIVAN	SUSQUE.	WAYNE	REGION
1924	2,654,820	1,044,724	1,113,048	20,392,400	34,711,150	7,207,553	19,238,222	214,773	655,000	45,759	87,277,449
1920	1,754,134	865,253	867,363	15,122,853	27,456,102	6,749,522	15,673,224	64,071	91,296	122,981	76,776,559
1931	1,886,084	865,424	756,274	12,748,621	23,766,625	5,728,763	12,925,765	75,542	184,773	157,506	59,115,387
1932	1,821,941	497,761	673,078	11,729,255	19,321,982	4,679,188	10,779,627	70,794	97,541	124,707	49,501,511
1933	1,610,409	556,539	652,057	11,090,350	12,441,441	5,102,704	10,252,019	126,101	130,715	125,242	49,507,577
1934	2,057,670	917,835	12,440,808	21,438,372	5,767,112	12,911,938	189,070	179,736	265,390	56,798,151	51,359,111
1935	1,703,018	824,803	549,467	10,477,254	21,059,166	5,469,278	10,761,971	179,132	216,010	159,010	51,359,111
1936	1,873,797	1,546,444	400,758	21,315,049	5,208,201	12,333,446	213,847	19,169	198,914	54,284,016	54,284,016
Total production-											
1937	2,076,398	1,251,044	484,403	9,177,509	22,487,109	4,604,212	11,661,745	99,879	105,339	151,700	296
1938	1,947,771	1,157,913	425,871	8,439,828	20,365,737	4,090,787	9,774,216	49,383	7,030	10,975	46,269,511
1939	2,541,152	964,246	476,670	9,198,552	23,377,666	4,815,235	9,885,707	56,684	124,791	51,399	707
(net tons)											
1940	2,175,348	1,026,366	505,558	9,259,463	22,672,016	4,499,464	11,262,175	50,844	86,149	9,071	51,526,454
1941	1,067,473	345,667	8,973,978	9,754,545	4,926,077	24,216,481	4,926,153	49,179	121,822	53,962,477	53,962,477
1942	2,401,741	1,156,774	57,479	9,344,388	25,767,343	4,295,913	13,520,462d	49,113	62,761	47,248	57,939,448
1943	3,150,839	861,015	229,826	9,119,647	24,082,663	5,463,150	17,396,022	101,977	73,037	3,484	60,511,730
1944	3,644,877	1,147,941	29,9349	9,247,467	24,810,042	5,743,444	18,834,594	14,776	46,216	10,903	64,112,389
1945	3,085,258	1,121,228	29,662	8,893,021	21,073,255	5,001,063	16,731,289	187,001	66,452	*	55,901,235
1946	3,166,205	1,457,754	141,800	9,058,331	22,770,793	18,311,299	105,862	123,908	*	*	61,978,170
1947	2,933,809	1,507,884	8,731	5,538,164	21,990,960	6,779,549	16,259,688	46,785	142,415	*	58,227,985
1924	4,776	2,213	2,043	35,846	63,308	11,660	37,672	708	1,178	99	162,503
1930	4,216	1,757	2,016	36,317	61,114	11,354	33,082	584	4,457	274	151,171
1931	4,160	1,290	1,766	33,797	59,225	11,326	25,654	586	254	342	138,400
1932	3,870	997	1,657	50,231	29,700	10,084	21,507	703	454	294	219,480
1933	3,392	1,009	1,285	21,375	44,450	7,980	21,547	718	203	510	102,469
1934	4,344	918	1,126	22,954	43,737	8,161	21,062	510	200	209	106,251
1935	4,935	1,224	1,012	1,664	43,889	43,701	7,757	19,697	596	403	100,239
1936	5,517	1,697	888	19,607	44,454	7,525	19,159	611	27	219	99,704
1937	4,282	1,971	877	19,188	43,755	7,489	19,002	426	158	69	99,117
1938	4,713	1,251	918	17,818	45,731	7,473	18,056	290	42	20	96,998
1939	4,686	1,943	904	17,875	43,344	7,632	16,494	295	235	19	93,523
1940	4,376	1,664	867	16,860	43,238	7,397	16,039	274	145	17	90,790
1941	4,446	1,489	587	14,974	13,726	6,815	16,615	144	37	16	88,849
1942	4,433	1,486	553	14,388	39,219	6,498	16,745	104	38	43	83,707
1943	4,337	1,316	130	13,064	35,807	6,485	18,052	164	14	*	79,369
1944	4,940	1,711	149	12,344	33,660	6,409	18,721	211	211	*	78,445
1945	4,588	1,954	195	11,400	32,888	5,877	19,127	207	29	21	80,556
1946	4,599	2,162	300	12,010	34,526	6,163	20,613	181	41	21	80,556
1947	4,891	2,119	152	12,381	33,869	6,636	20,302	127			80,730

NINETEEN YEAR STUDY OF ANTHRACITE, BY COUNTIES, CONTINUED

YEAR	CAMBON	COLUMBIA	DAUPHIN	LACKAWANNA	LUZERNE	MONTGOMERY	SCHUYLKILL	SULLIVAN	SUSQUE.	WAYNE	REGION
1924	278	225	277	276	270	273	271	298	295	271	
1930	175	147	184	212	213	265	196	115	159	210	
1931	176	178	198	185	175	185	185	66	183	198	
1932	139	161	167	169	154	181	164	96	57	106	
1933	156	191	209	170	211	167	75	192	127	179	
1934	174	218	221	235	192	240	195	174	269	270	
1935	147	135	193	206	181	222	181	143	217	198	
1936	142	215	159	224	181	213	188	208	171	181	
1937	169	202	201	190	186	180	180	123	86	141	
1938	166	191	192	178	168	176	168	103	85	163	
Worked	175	164	205	180	190	194	175a	100	186	144	
1939	180	194	204	183	180	191b	191c	132	142	142	
1940	190	184	221	205	196	217	196c	188	154	159	
1941	230	235	39	241	259	236	234d	210	212	219	
1942	267	267	287	273	277	259	258e	239	234	*	
1943	293	292	312	300	304	262	274f	282	*	*	
1944	265	267	261	270	274	258	250g	260	174	*	
1945	262	234	74	275	278	257	251	217	272	*	
1946	269	270	139	272	283	269	277	183	255	277	
1947	-	-	-	-	-	-	-	-	-	-	
1924	11	7	125	193	38	110	-	-	-	-	
1930	11	5	108	164	29	123	-	-	-	-	
1931	6	4	116	151	32	67	-	-	-	-	
1932	3	1	59	116	13	42	-	-	-	-	
1933	3	-	1	59	110	44	-	-	-	-	
1934	7	4	2	59	114	47	-	-	-	-	
1935	3	3	7	50	123	61	-	-	-	-	
1936	4	-	2	50	137	24	-	-	-	-	
Fatal- ities	5	6	9	49	102	15	-	-	-	-	
1938	6	4	5	46	108	23	-	-	-	-	
1939	7	5	3	35	93	27	-	-	-	-	
1940	6	2	2	3	10	33	-	-	-	-	
1941	8	2	2	2	37	7	-	-	-	-	
1942	4	6	35	37	98	36	-	-	-	-	
1943	7	5	5	36	128	16	-	-	-	-	
1944	12	4	37	70	103	13	-	-	-	-	
1945	6	6	27	53	12	12	-	-	-	-	
1946	6	6	27	79	103	13	-	-	-	-	
1947	4	4	4	4	4	4	-	-	-	-	

NINETEEN YEAR STUDY OF ANTHRACITE - BY COUNTIES - CONTINUED

YEAR	CARBON	COLUMBIA	DAUPHIN	LACKAWANNA	LUZERNE	NORTHUMBER.	SCHUYLKILL	SULLIVAN	SUSQUE.	WAYNE	REGION
1924	1,325,996	4,98,917	566,352	9,879,932	17,094,203	4,008,190	10,214,942	85,557	350,847	29,205	44,054,141
1930	738,578	257,535	377,794	7,689,354	12,990,705	3,010,032	6,482,976	52,749	13,458	31,675,665	
1931	730,607	230,208	349,013	6,288,064	10,359,468	2,100,810	4,743,290	36,404	16,601	67,648	21,929,113
1932	537,711	160,097	276,268	5,011,723	7,724,183	3,166,516	8,822,717	51,632	25,763	31,228	19,173,874
1933	455,966	157,495	244,098	4,462,932	7,539,709	1,681,984	3,601,752	51,129	38,976	64,680	18,301,721
1934	756,434	206,875	248,595	5,384,563	8,991,190	1,958,718	4,097,456	88,891	53,800	56,430	21,842,955
1935	727,462	178,122	195,668	4,301,651	7,899,403	1,724,406	3,570,398	85,202	87,390	44,585	18,184,287
1936	781,883	4,439,859	8,048,873	1,606,329	3,598,172	127,098	4,275	39,496	19,152	9,52	
1937	725,560	378,726	176,737	3,564,769	8,680,115	1,399,236	3,406,363	55,506	13,648	9,714	18,403,374
1938	783,486	572,549	175,948	3,162,859	7,699,347	3,116,707	3,116,707	3,160	28,581	3,570	16,585,464
1939	821,611	318,779	185,320	3,225,238	8,234,943	1,483,189	2,888,408a	43,656	21,382	6,735	17,255,261
1940	789,147	322,265	176,858	3,288,238	7,959,512	1,328,685	3,067,449b	24,683	20,590	2,411	16,979,261
1941	846,859	274,325	129,826	3,063,605	8,586,535	1,479,290	3,260,577c	27,035	5,708	2,544	17,676,304
1942	1,021,633	249,214	346,164	10,163,813	1,533,344	3,972,274d	21,884	8,066	9,432	9,432	21,565,137
1943	1,156,102	351,130	37,310	3,571,795	9,902,178	1,680,211	4,659,538e	39,286	3,276	*	21,400,826
1944	1,446,126	500,067	46,488	3,703,717	10,246,301	1,683,792	5,125,620f	59,589	*	*	22,809,700
1945	1,213,929	522,380	50,878	3,075,875	9,007,593	1,516,281	4,783,602g	53,892	5,054	*	20,229,484
1946	1,203,296	506,786	22,220	3,038,524	9,599,152	1,579,477	5,179,903	39,356	16,225	*	21,447,939
1947	1,320,100	626,568	2,873	3,382,378	9,602,447	1,790,633	5,639,097	23,233	5,202	*	22,392,531
Man-days											
Produc-											
per											
fatal											

Man-days

Production

per

fatal

NINETEEN YEAR STUDY OF ANTHRACITE - BY COUNTIES, CONTINUED

YEAR	CARBON	COLUMBIA	DAUPHIN	LACKAWANNA	LUZERNE	NORTHUMBER.	SCHUYLKILL	SULLIVAN	SUSQUE.	WAYNE	REGION
1924	8.30	22.05	12.36	12.65	11.29	9.48	10.77	-	2.85	-	11.26
1930	14.89	-	13.45	14.05	12.62	9.63	18.97	-	18.96	69.03	14.02
1931	8.21	17.38	11.46	18.45	14.58	15.23	14.11	26.04	-	44.35	15.39
	5.58	6.25	28.96	11.77	15.02	7.13	11.94	-	-	32.02	12.67
1932	6.58	-	4.10	13.22	14.59	8.32	11.94	36.95	-	-	12.68
1933	9.25	19.34	8.05	10.76	12.68	12.25	11.47	11.25	37.17	-	11.90
Fatal- ties per million man-days	5.50	16.84	35.77	11.62	15.57	9.28	17.08	35.21	-	-	14.19
1936	5.12	-	14.13	11.26	17.02	8.71	9.45	-	-	102.94	12.52
1937	6.89	15.84	50.92	9.82	11.75	10.75	11.16	19.04	-	-	11.52
1938	7.66	10.74	28.42	15.49	13.25	9.87	14.49	-	-	-	13.45
1939	8.52	15.68	16.19	14.26	13.11	8.76	9.35	-	22.91	-	12.19
1940	7.60	6.21	16.96	10.64	11.68	7.53	10.76	-	-	-	10.72
1941	9.45	7.29	15.44	12.08	11.41	4.73	10.73	-	-	-	10.69
1942	3.92	-	17.18	10.11	12.59	10.42	9.06	-	-	-	10.94
1943	6.05	14.24	-	10.08	10.40	7.74	11.59	-	-	-	10.19
1944	8.30	8.00	21.51	9.99	6.83	8.92	6.24	-	-	-	7.50
1945	4.94	11.49	-	8.78	5.88	8.27	6.69	18.56	-	-	6.82
1946	4.99	11.84	-	8.16	8.23	7.63	7.34	25.41	-	-	7.88
1947	3.03	7.98	-	7.39	10.73	7.26	2.66	-	-	-	7.36

The year 1924 was selected as a normal year, in order that comparison might be made with the depression years that are made part of this report.

- ① - Includes 6,184 tons, 13 employees, 124 days and 1,612 man-days for Lebanon County
- a - 13,927 " 5 " 198 " " 990 " "
- b - 17,330 " 13 " 136 " " 1,773 " "
- c - 30,716 " 26 " 187 " " 1,856 " "
- d - 35,641 " 39 " 118 " " 4,593 " "
- e - 21,981 " 22 " 257 " " 5,654 " "
- f - 21,550 " 14 " 210 " " 2,940 " "
- g - " 37,690 " 41 " 241 " " 9,881 " "
- * - Not segregated from Lackawanna County

ANTHRACITE OPERATORS, GENERAL MANAGERS, ADDRESSES

Year 1947

Dist-	Operator	General Manager	Address
2	Ace Coal Co.	Louis Mascelli	Blakely, Pa.
6	Adelphia Coal Co.	Hopkins Morgan, Girard Trust Bldg., Phila., Pa.	
1-2	A. & F. Coal Co.	Rinaldo Alberigi	Jessup, Pa.
2	A. F. & L. Coal Co.	Angelo Falzone	Pittston, Pa.
21	Alarcon, Frank	Frank Alarcon	Tremont, Pa.
2	Albanese Coal Co.	Angelo Albanese	Dunmore, Pa.
1	Alberigi Coal Co.	Rinaldo Alberigi	Jessup, Pa.
14	Alden Coal Co.	John C. Haddock	Wilkes-Barre, Pa.
10	Alderson Mining Co.	John D. Alderson	Luzerne, Pa.
20	Alpec Coal Co.	Albert Peca	Mahanoy City, Pa.
15	Altmiller, C. Henry	C. Henry Altmiller	Hazleton, Pa.
23	Andreatti - Skroza	Arnold Fetterman	Mt. Carmel, Pa.
1	Annamay Coal Co.	John McConnell	Jessup, Pa.
17	Anthracite Enterprises, Inc.	Herbert C. Cawley	Nesquehoning, Pa.
2	A. & R. Coal Co.	Ralph Riccini	Jessup, Pa.
20	Atkins Coal Co.	Henry Atkins	Frackville, Pa.
23	Atlas Coal Co.	Antonio Bianki	Atlas
22	Barzak Coal Co.	Anthony Barzak, 108 E. Oak St., Frackville, Pa.	
22-23	Bazley, J. Robert, Inc.	J. Robert Bazley	Pottsville, Pa.
5	B. & B. Coal Co.	Nick Bone	Old Forge, Pa.
24	B. & B. Coal Co.	John Boback	Shamokin, Pa.
1	B. & D. Coal Co.	Ben L. Stone	Childs, Pa.
16	Beaver Brook Coal Co.	S. H. Long	Beaver Brook, Pa.
19	Beckville Coal Co.	Clarence F. Brinich	Cressona, Pa.
2	Beggin Coal Co.	Michael Beggin	Jessup, Pa.
18	*Bell Colliery Co.	Ralph Peters	Tuscarora, Pa.
3-16	Bellevue Coal Co.	R. E. Nolan	Scranton, Pa.
22	Bender Coal Co.	John Bender	Connerton, Pa.
1	Benjamin Coal Co.	David Benjamin	Carbondale, Pa.
10	Bernice White Ash Coal Co.	William A. Monahan	Mildred, Pa.
22	Bernosky Coal Co.	Joseph Bernosky	Shaft, Pa.
12	Bird Mining Co.	Morgan Bird	Plymouth, Pa.
20	Biros (John) Coal Co.	John Biros	Morea, Pa.
1	B. & L. Coal Co.	Dwight Beardslee	Blakely, Pa.
10	Black Diamond Colliery, Inc.	Herman Baine	Luzerne, Pa.
21	Blackwood Coal Co.	John Radzievich	Minersville, Pa.
20	Blaschack (John) Coal Co.	John Blaschack	Rington, Pa.
1	Blasi Coal Co.	Dominick Blasi	Archbald, Pa.
10	Blue Diamond Coal Co.	Edward A. Judge	Mildred, Pa.
2	Blue Flame Coal Co.	John Fanucci	Jessup, Pa.
12	B. & M. Construction Co.	Fred Lockett	Old Forge, Pa.
22	Boden Coal Co.	Felix Bodgen	Shaft, Pa.
6	*Bone (George) Coal Co.	George Bone	Pittston, Pa.
20	Boner & Webb Coal Co.	Raymond Webb	Mahanoy City, Pa.
1	Booth (John) Inc.	Charles Booth	Carbondale, Pa.
21	Borelli Coal Co.	Orlando Trassat	Minersville, Pa.
21	Bosack Coal Co.	Frank Bosack	Llewellyn, Pa.
24	Boslego Coal Co.	Andrew Boslego	Kulpmont, Pa.
3	*Botscheller, L. J., Inc.	L. J. Botscheller	Scranton, Pa.
21	Branch Coal Co.	Allen Horn	Llewellyn, Pa.
21	Branchdale Coal Co.	John E. Jones	Pottsville, Pa.
23	Brass Coal Co.	Anne Brass	Mt. Carmel, Pa.
18	Brockton Coal Co.	George D. Oswald	Brockton, Pa.
5	*Brymbo Coal Co.	Samuel Wane	W. Pittston, Pa.
21	Buck Run Colliery Co.	John G. Connell	Buck Run, Pa.
1	Burke Stripping Co.	Timothy Burke, Connell Bldg., Scranton, Pa.	
19	Burke, Timothy	David Thomas	Pottsville, Pa.
5	Burke McGrath, Inc.	T. Burke McGrath, 600 Lacka Ave., Scranton, Pa.	
3	*Butera Coal Co.	Louis Butera	Pittston, Pa.
9	Butter Tub Coal Co.	Martin Sedlock	Wyoming, Pa.
21	B. & W. Coal Co.	Walter Wallacavage	Minersville, Pa.
15	Cabin Creek Coal Co.	Joseph Vagnony	Bloomsburg, Pa.

Dist- rict	Operator	General Manager	Address
25	Calnon & Stakam	Thomas Calnon	Williamstown, Pa.
21	Cano Coal Co.	Aurelio Cano	Minersville, Pa.
10	Capone Coal Co.	Samuel J. Capone	Luzerne, Pa.
16	Carbonizing Coal Co.	Marcus Tinker	Scranton, Pa.
12	Carey, Baxter & Kennedy	W. E. Conway	Plymouth, Pa.
21	Carroll, Steve	Steve Carroll	Minersville, Pa.
22	Casper Coal Co.	Albert Casper	Lost Creek, Pa.
5	Cassidy & Guillorn	James Cassidy	Old Forge, Pa.
3	C. & C. Coal Co.	Harry Cimini	Scranton, Pa.
19	C. & D. Coal Co.	Camillo Dorazio	Pottsville, Pa.
1	Ceccerelli Coal Co.	Frank Ceccerelli	Jessup, Pa.
23	Centralia Mining Co.	John B. Rich	Pottsville, Pa.
2	C. & F. Coal Co.	Eitalo Faramelli	Jessup, Pa.
8	C. & G. Coal Co.	Daniel Constantino	Yatesville, Pa.
23	Chapman & Reilly	Michael Reilly	Centralia, Pa.
5	Cimini Coal Co.	Harry Cimini, Prospect Ave.,	Scranton, Pa.
18	Coal Rain Coal Co.	Ralph Peters	Junedale, Pa.
19	Colitz Coal Co.	Frank Colitz	Pottsville, Pa.
19	Confair Coal Co.	Elmer Confair	Minersville, Pa.
10	Conlon Coal Co.	Paul J. Conlon	Hudson, Pa.
2	Consagra Coal Co.	Louis Consagra	Olyphant, Pa.
5	Continental-Archbald Coal Co.	Robert Y. Moffat, Box 486,	Scranton, Pa.
2	Costanzo Coal Co.	Philip Costanzo	Dunmore, Pa.
12	Courtdale Coal Co.	Alex Seleski	Courtale, Pa.
23	C. Q. & W. Enterprise	Andrew Quiles	Frackville, Pa.
16	*Cranberry Improvement Co.	Sol Jenkins	Hazleton, Pa.
1	C. & S. Coal Co.	James Caselli	Archbald, Pa.
23	Cullen Contracting Co.	John J. Cullen	Mt. Carmel, Pa.
24-25	Dancott Coal Co.	David Evans	Shamokin, Pa.
21	Dando, J. P.	Joseph P. Dando	Llewellyn, Pa.
21	Dantas, Alfred	Alfred Dantas	Cressona, Pa.
24	Dark Corners Coal Co.	Peter Fedorshock	Shamokin, Pa.
19	Darkwater Coal Co.	Thomas Newton	Pottsville, Pa.
21	Dattilio, Camillo	Camillo Dattilio	Minersville, Pa.
21	D. & B. Coal Co.	Joseph P. Dando	Llewellyn, Pa.
1-2-3	DeAngelis Coal Co.	Vincenzo DeAngelis	Carbondale, Pa.
6	DeAngelo Coal Co.	Louis Sarf	Pittston, Pa.
25	Deaven, David	David Deaven	Pine Grove, Pa.
21	Declerico, Angelo	Angelo Declerico	Minersville, Pa.
20	*Delano Anth. Collieries Co.	Charles Machamer	Ashland, Pa.
19	Delaware Mining Co.	Joe Petrozino	St. Clair, Pa.
3	Denchy Coal Co.	William M. Denchy	Jessup, Pa.
6	DeSanto Coal Co.	Samuel DeSanto	Luzerne, Pa.
1-12	Deweese Bros.	C. K. Dewees, Box 1293,	Kingston, Pa.
9	Dial Rock Coal Co.	Thomas R. Lewis, Scranton Nat. Bk. El.,	Scranton
13	Dick (A.E.) Contracting Co.	A. E. Dick	Hazleton, Pa.
24	Diminick Coal Sales	Ferdinand Diminick	Elysburg, Pa.
25	D. & K. Coal Co.	Hugh Dolan	Pottsville, Pa.
21	Dowdowntown Coal Co.	Albert Marneickas	Minersville, Pa.
23	Dragondale Corp.	Thomas Lynott	Mt. Carmel, Pa.
22	Drift Contractor Co.	Peter Mucha	Frackville, Pa.
10-14	Duryea Anthracite Co.	Charles Adonizio	Pittston, Pa.
1	Dwongzyk Coal Co.	Joseph Dwongzyk	Peckville, Pa.
22	Dyszel Coal Co.	George Dyszel	Lost Creek, Pa.
24	D. & Z. Coal Co.	S. Dimmick	Shamokin, Pa.
19	Eagle Hill Coal Co.	Edward Whitby	Pottsville, Pa.
21	Ebert, George	George Ebert	Hegins, Pa.
1	Eddie & Joe Coal Co.	Edward Andreoli	Eynon, Pa.
22	Engle Coal Co.	Joseph E. Engle	Shenandoah, Pa.
25	Etzweiler, Harry	Harry Etzweiler	Valley View, Pa.
23	Exchange Coal Co.	Joseph Corbacio	Atlas, Pa.
18	Fairclough Mining Corp.	N. B. Fairclough	Beaver Meadow, Pa.
21	Falls Coal Co.	Joseph Mitchell	Zerbe, Pa.
2	Falls Mining Co.	Andrew Piccioli	Peckville, Pa.
21	Farley-Laychack Coal Co.	Peter Laychack	Pottsville, Pa.
1	*Farnetti Coal Co.	Harry Farnetti	Jessup, Pa.

Dist- rict	Operator	General Manager	Address
1	Farnetti & Wassel	Harry Farnetti	Jessup, Pa.
10	*Ferraro & Glowacki	Anthony Ferraro	Swoyerville, Pa.
10	Fiorini Coal Co.	John Fiorini	Mildred, Pa.
22	Fisher Coal Co.	Charles Fisher	Gordon, Pa.
5	Florine Coal Co.	Anthony Minichello	Old Forge, Pa.
1	*F. M. & B. Coal Co.	Harry Farnetti	Jessup, Pa.
24	Foieri & Louis Coal Co.	Louis Foieri	Shamokin, Pa.
19	*Frackville Coal Co.	F. L. Slattery	Cumbola, Pa.
10	Franklin Coal Mining Co.	Joseph Mayers	W. Pittston, Pa.
25	Franklin-Lykins Coal Co.	C. E. Machamer	Ashland, Pa.
6	Fritz Bros. Coal Co.	Frank Fritz	Dupont, Pa.
22	Gaida (J.) Co.	Meyrick Lamb	Ashland, Pa.
23	Garcia Coal Co.	John Garcia	Kulpmont, Pa.
2-3-20	Gasparini Stripping Co.	Gene Gasparini	Peckville, Pa.
1	Gateway Coal Co.	Charles Volpe	Forest City, Pa.
7	Gaylord Coal Co.	Samuel Bird	Plymouth, Pa.
1	Gianforcoro Coal Co.	George Gianforcoro	Archbald, Pa.
20-22	Gilberton Coal Co.	John B. Rich	Gilberton, Pa.
1	Gildea Coal Co.	John Gildea	Archbald, Pa.
1	Gillen Coal Co.	Thomas Gillen	Carbondale, Pa.
6	Gillizzi Coal Co.	Anthony Gillizzi	Pittston, Pa.
1-3	Giombetti Coal Co.	Angelo Giombetti	Carbondale, Pa.
22	Girardville Excavating Co.	James Kelly	Girardville, Pa.
3-7-11-12-			
13-14-16	Glen Alden Coal Co.	Henry A. Dierks	Wilkes-Barre, Pa.
5	G. & M. Coal Co.	George C. Maffei	Scranton 7, Pa.
2	G. M. A. Coal Co.	Mrs. Mary Girman	Jessup, Pa.
25	Good Peoples Coal Co.	Harry Witmer	Lykins, Pa.
15	Gowen Coal Co.	Elmer Roth	Fern Glen, Pa.
2	Gravine Coal Co.	Frank Gravine	Archbald, Pa.
6	Gravity Coal Co.	D. J. Davies	Avoca, Pa.
23	Greco Coal Co.	Savern Greco	Kulpmont, Pa.
5-10-15	Greenwood Mining Co.	John S. Marshall , Box 182	Scranton, Pa.
2	G. & S. Coal Co.	Leno Giombetti	Jessup, Pa.
2	Guiducci Coal Co.	Andrew Guiducci	Peckville, Pa.
6	Guziari Coal Co.	Barney Guzior	Dupont, Pa.
15-18-19	Haddock Mining Co.	John C. Haddock	Wilkes-Barre, Pa.
22	Hammond Coal Co.	R. L. Birtley	Girardville, Pa.
6	Harris & Walsh	Ervin Harris, 37 Lacka Ave.,	Scranton, Pa.
9	Harry E. Coal Co.	Joseph Mayers	W. Pittston, Pa.
22	Hazle Brook Coal Co.	C. A. Garner	Jeddo, Pa.
6	Heidelberg Coal Co.	John B. McDade, Lincoln Bldg.,	Scranton, Pa.
3	High Top Coal Co.	Dominick Albanezi	Dunmore, Pa.
6	Hillside Coal Co.	Eugene Papple	Avoca, Pa.
18	Hillside Coal Co.	Priscilla Norvidas	S. Tamaqua, Pa.
22	Hillside Coal Co.	John Catania	Raven Run, Pa.
19	Hollow Coal Co.	Gabriel DiLazzaro	Minersville, Pa.
24	Hoover Coal Mining Co.	George Hoover	Sunbury, Pa.
21	Hoy, Richard	Richard Hoy	Pine Grove
1-2-3-10-			
11-12	Hudson Coal Co.	Edgar C. Weichel	Scranton, Pa.
16	Humboldt Anthracite Co.	George Chisnell	Hazleton, Pa.
15	Hydrotated Anth. Fuel Co.	Howell Hastie	Lattimer Mines, Pa.
21	Indian Head Coal Co.	Louis Pagnotti	W. Pittston, Pa.
19	Indian Run Coal Co.	Edward Garote	Cressona, Pa.
25	J. C. J. Coal Co.	George R. Taylor	McAdoo, Pa.
15	Jeddo-Highland Coal Co.	C. A. Garner	Jeddo, Pa.
19	Jefferson Coal Co.	Joe Jefferson	Minersville, Pa.
6	Jenkins Coal Co.	Joseph Capone	Pittston, Pa.
6-8	Jermyn-Green Coal Co.	Kenneth A. Lambert	Pittston, Pa.
24	Johnson Coal Sales Co.	Frank Johnson	Shamokin, Pa.
25	Joliett Coal Co.	Louis J. Pagnotti	W. Pittston, Pa.
22	Jonathan Coal Co.	George Fleming	Ashland, Pa.
24	Jonathan Coal Mining Co.	W. R. Bennett, Phila. Bank Bldg., Phila., Pa.	
20	Jones Coal Corp.	John E. Jones	Pottsville, Pa.
20	Jones (John) Coal Co.	John Jones	Mahanoy City, Pa.
5	Jr. Coray Coal Co.	Lindo Berrettini	Plains, Pa.

Dist- rict	Operator	General Manager	Address
22	Kavalich Coal Co.	Mike Kavalich	Shaft, Pa.
24	K. & D. Coal Co.	John Dietrich	Shamokin
5-9	Kehoe-Berge Coal Co.	John C. Kehoe, Jr.	Pittston, Pa.
19	Keller Coal Co.	Randolph Keller	Mt. Laffee, Pa.
22	Kendricks Coal Co.	Ray Kendricks	Shaft, Pa.
3	Keyser Valley Coal Co.	James Moore	Scranton, Pa.
7-13	Kingston Excavating Co.	John B. Corgan	Kingston, Pa.
12	Kingston Mining Co.	Morgan Bird	Plymouth, Pa.
22	Klimas Coal Co.	George Klimas	Shaft, Pa.
20	Kluchinsky Bros. Coal Co.	Albert Kluchinsky	Mahanoy City, Pa.
19	K. M. F. Coal Service	Joe Milouski	Middleport, Pa.
8	Knox Coal Co.	Robert L. Dougherty	Wyoming, Pa.
25	Kocher, Leon	Leon Kocher	Valley View, Pa.
22	Kohinoor Coal Co.	R. L. Hirtley	Shenandoah, Pa.
22	Kozar Coal Co.	George Kozar	Shaft, Pa.
25	Kreiser Coal Co.	Frank Kreiser	Pine Grove, Pa.
22	Kudrick Coal Co.	John Kudrick	Girardville, Pa.
5	Lacka. Mng. & Construc. Co.	Joseph Grill	Peckville, Pa.
24	Latsha Coal Co.	Daniel Latsha	Elysburg, Pa.
25	Legal Coal Co.	Harry Golden	Good Spring, Pa.
17-18	Lehigh Navigation Coal Co.	D. C. Helms	Lansford, Pa.
9-10-11-			
18-18	Lehigh Valley Coal Co.	K. F. Arbogast	Wilkes-Barre, Pa.
2	Lemencelli Coal Co.	Peter Lemencelli	Eynon, Pa.
25	Lengel Coal Co.	George Lengel	Minersville, Pa.
25	Lengle, M. Luther	M. Luther Lengle	Pine Grove, Pa.
24	Level Coal Co.	Frank Appel	Shamokin, Pa.
19	Linde (C.) & Son	Clarence Linde	Honesdale, Pa.
24	Little Chief Coal Co.	Edward J. Nalewak	Shamokin, Pa.
21	Live Oak Coal Co.	Peter Laychack	Pottsville, Pa.
6	L. K. Coal Co.	Walter Kaminski	Avoca, Pa.
5	Lockett Coal Co.	Fred Lockett	Old Forge, Pa.
22	Locust Coal Co.	J. J. Crane	Shenandoah, Pa.
20	Locust Valley Coal Co.	Herman Yudacufsky	Mahanoy City, Pa.
19	Lohb Coal Co.	Harold Fisher	Pottsville, Pa.
5	Lombardi, Dominick	Dominick Lombardi	Pittston, Pa.
24	Lower Region Coal Co.	Modes Foieri	Shamokin, Pa.
24	Lucas Coal Co.	Stanley A. Wysocki	Mt. Carmel, Pa.
21	Lykens Coal Co.	Charles Curvey	Mahanoy City, Pa.
21	Macario, John	John Macario	Minersville, Pa.
6	Major Coal Co.	Adam Major	Avoca, Pa.
25	Malho Coal Co.	Anthony Malho	Lavelle, Pa.
9	Maltby Coal Co.	W. E. Sunday	Wyoming, Pa.
22	Mammoth Coal Co.	Sol Fox	Raven Run, Pa.
22	Markarczyk Coal Co.	Frank Markarczyk	Shenandoah, Pa.
25	Markson Coal Co.	Edwin A. Weyman	Goodspring, Pa.
23	Martinez & Broderick	John J. Broderick	Locust Dale, Pa.
3	Mascelli (S.) Coal Co.	Louis Simoncelli	Jessup, Pa.
19	Matleska Coal Co.	John Matleska	Minersville, Pa.
24	Maurer Coal Sales Co.	Charles Maurer	Shamokin, Pa.
20	Mazur (John) Coal Co.	John Mazur	Barnesville, Pa.
1	Mazzoni Coal Co.	Delmo Mazzoni	Jessup, Pa.
6	M. B. Coal Co.	Stanley Barovitz	Avoca, Pa.
22	Melusky Coal Co.	Edward Melusky	Shaft, Pa.
1	Meriollini Coal Co.	Alfred Meriollini	Peckville, Pa.
23	Merry Coal Mining Co.	Thomas Lynott	Mt. Carmel, Pa.
3	Mid Valley Anthracite Co.	Rudolph Rosetti	Throop, Pa.
19	Mid-Valley Coal Co.	Walter Ryon	Pottsville, Pa.
19	Millard Coal Co.	Joseph E. Millard	Minersville, Pa.
19	Miller Contracting Co.	C. L. Miller	Minersville, Pa.
25	Miller, Franklin	Franklin Miller	Ravine, Pa.
19	Mine Hill Coal Co.	John Hoffman	Frackville, Pa.
21	Mine Hill Coal Co.	Charles Martin	Minersville, Pa.
6	Minichello Coal Co.	Carlo Minichello	Avoca, Pa.
20	M. & K. Coal Co.	Michael Kotis	Mahanoy City, Pa.

District	Operator	General Manager	Address
1	M. & M. Coal Co.	Michael Mikulak	Simpson, Pa.
3-5	Moffat Coal Co.	Robert Y. Moffat, Box 486,	Scranton, Pa.
23	Moleski & Elgin	Bolick Moleski	Kulpmont, Pa.
10	Monahan Coal Co.	William A. Monahan	Forksville, Pa.
15	Monitor Co., Inc.	A. E. Dick, Jr.	Hazleton, Pa.
2	Moosic Mountain Coal Co.	Harry Giombetti	Jessup, Pa.
19	Morea-New Boston Brkr. Corp.	John D. Connors	Morea, Pa.
21	Morgan, Irving	Irving Morgan	Ashland, Pa.
1	Motley Coal Co.	Joseph A. Motley	Mayfield, Pa.
20	Mountainside Mining Co.	Harry W. McCann	Westfield, N. J.
18	Mountain Top Coal Co.	Ralph Peters	Tuscarora, Pa.
6	M. P. Coal Co.	Nicholas Malinics	Dupont, Pa.
21	M. & S. Coal Co.	A. J. Schrader	Minersville, Pa.
19	Mt. Laffee Coal Co.	David Smith	Mt. Laffee, Pa.
24	Mutual Coal Sales Co.	Walter Kruzick	Excelsior, Pa.
21	M. V. M. Coal Co.	Dominick Valent	Falso Alto, Pa.
6	Nardone Coal Co.	Louis Sarf	Pittston, Pa.
24	Natalie Coal Corp.	W. K. Moffat, Box 486,	Scranton, Pa.
2-3	Nay Aug Coal Co.	F. J. Collins	Scranton, Pa.
21	Necho Coal Co.	Frank Correale	Hazleton, Pa.
1-3	Northwest Coal Co.	Oresti Paoletti	Carbondale, Pa.
18	Norvidas & Patrick	Leonard Patrick	Beaver Meadow, Pa.
3-6	Number Nine Coal Co.	Joseph Mayers	Pittston, Pa.
24	Oak Coal Yard	Ernest Landis	Tharptown, Pa.
2	Ondrick Coal Co.	John Ondrick	Clarks Summit, Pa.
19	Onyx Coal Co.	Albert Peca	Mahanoy City, Pa.
23	Oribe & Garcia	Richard Oribe	Keiser, Pa.
25	Otto (C. M.) & Son	Herman Otto	Hegins, Pa.
22	Otto Collieries Co.	E. B. Hartman	Ashland, Pa.
25	Otto Miners	Norman R. Otto	Hegins, Pa.
5	Oxford Coal Co.	Earl McLaughlin, 304 Lincoln Bldg.,	Scranton, Pa.
2	P. & A. Coal Co.	Etilio Preschutti	Jessup, Pa.
2	*Pagnotti Coal Co.	Joseph Mayers	W. Pittston, Pa.
1	Paramount Coal Co.	Sebastian Gianni	Archbald, Pa.
2	Pasculichio Coal Co.	Canio Pasculichio	Dunmore, Pa.
9-16	Payne Coal Co.	Bruce Payne, Miners Bank	Eldg., Wilkes-Barre, Pa.
19	Peach Mountain Coal Co.	Alvin Young	Frackville, Pa.
20	Peca Coal Co.	Albert Peca	Mahanoy City, Pa.
21	Penag Coal Co.	Edward Twiggar	Pine Grove, Pa.
19	Penna Coal Co.	Joseph Penna	Seltzer City, Pa.
3	*Penn Anthracite Co.	F. D. Shoemaker	Scranton, Pa.
2-8	Pennsylvania Coal Co.	R. A. Lambert	Dunmore, Pa.
2-3	Perry Construction Co.	Alex Fink	Olyphant, Pa.
18-19-20-22-			
23-24-25	Phila. & Reading C. & I. Co.	Edward G. Fox	Pottsville, Pa.
21	Phoenix Coal Co.	Major Lee White	Pottsville, Pa.
20	Phoenix Contracting Co.	Bart Herrity	Ashland, Pa.
6	Pickaway Coal Co.	Peter Scatina	Dupont, Pa.
25	Pine Creek Coal Co.	Harrison Klinger	Spring Glen, Pa.
22	Pine Ridge Mining Co.	J. T. Kleman	Ashland, Pa.
23	Pizzoli, August	August Pizzoli	Atlas, Pa.
8	P. & J. Coal Co.	Joseph Sindaco	Pittston, Pa.
8	Plains-Hilldale Coal Co.	Carlo Saporito	Wilkes-Barre, Pa.
1	Ploskonka Coal Co.	Louis Ploskonka	Peckville, Pa.
23	Polinko - Ladika	John Polinko	Kulpmont, Pa.
2	Pompey Coal Co.	Charles Pompey	Jessup, Pa.
10	Pringle Coal Co.	Mark J. Luksic	Luzerne, Pa.
22	Pronio Coal Co.	Tony Pronio	Shenandoah, Pa.
5	Pyne-Taylor Coal Co.	Robert Y. Moffat, Box 486,	Scranton, Pa.
24	Quality Coal Sales	Clarence Weimer	Shamokin, Pa.
5	Quinn & Walsh	Patrick Walsh	Taylor, Pa.
22	Raven Run Coal Co.	C. A. Garner	Jeddo, Pa.
2	Red Creek Mining Co.	John Federovich	Jessup, Pa.
25	Red Oak Coal Co.	Harold Calodney	Pottsville, Pa.
24	Reidinger Coal Service	Vic Reidinger	Faxinos, Pa.
22	Reilly Construction Co.	T. J. Reilly	Hazleton, Pa.

Dist-	Operator	General Manager	Address
21	Renninger Coal Co.	Emory Renninger	Friedensburg, Pa.
21	Renninger, Howard	Howard Renninger	Llewellyn, Pa.
19	Repllier Coal Co.	A. F. Connell	Buck Run, Pa.
20	Rhoads Contracting Co.	Charles Machamer	Ashland, Pa.
3	Rhonda Coal Co.	Marcus A. Tinker	Scranton, Pa.
23	*Richards Coal Mining Co.	James J. McHale	Strong, Pa.
22	*Rose Valley Coal Co.	Charles Adonizio	Pittston, Pa.
24	Rosini Coal Co.	Odene A. Rosini	Shamokin, Pa.
21	Rossi, Ralph	Ralph Rossi	Minersville, Pa.
6	Russell Coal Co.	Stephen DuBernas	Old Forge, Pa.
1	Sacco Coal Co.	Frank Sacco	Jessup, Pa.
21	Salem, James	James Salem	Tremont, Pa.
1	Salvaggio Coal Co.	Dominic Salvaggio	Mayfield, Pa.
25	Sanchez, Alonzo	Alonzo Sanchez	Minersville, Pa.
15	Sandy Run Miners & Producers	Thomas George, Jr.	Freeland, Pa.
6-8	Sarf Coal Co.	Louis Sarf	Pittston, Pa.
6	Scandell Coal Co.	Joseph Scandell	Old Forge, Pa.
21	Schell, C. A.	C. A. Schell	Tremont, Pa.
25	Schell, Nathan	Nathan Schell	Tremont, Pa.
19	Schneck Coal Co.	Thomas Schneck	Pine Grove, Pa.
5	Schoener, Carl	Carl Schoener	Tamaqua, Pa.
5	Schrader, A. J.	A. J. Schrader	Taylor, Pa.
5	Schrader Bros.	Lawrence Schrader	Scranton, Pa.
21	Schrader Coal Co.	R. E. Watkins	Minersville, Pa.
5	Schuster Coal Co.	Henry Schuster	Scranton, Pa.
25	Schwalb, William	Robert H. Klouser	Valley View, Pa.
1	Scianna Coal Co.	Rose Scianna	Scranton, Pa.
1	Scott Coal Co.	E. R. Scott	Carbondale, Pa.
12	Saleski Coal Co.	Alex Saleski	Courtdale, Pa.
24	Sharp Coal Sales Co.	Robert Sharp	Shamokin, Pa.
6	Sharr Coal Co.	Frank Sharr	Old Forge, Pa.
19	Sheva Coal Co.	Chester Sheva	Shenandoah, Pa.
25	Shoemaker & Martinez	John E. Broderick	Ashland, Pa.
1	Simoncelli Coal Co.	Vincent Simoncelli	Jessup, Pa.
1	Simpson Coal Co.	Steve Yanchek	Simpson, Pa.
19	S. & J. Coal Co.	Charles Stoeckler	Pottsville, Pa.
21	S. & L. Coal Co.	F. Swenchart	Lavelle, Pa.
22	Slominsky Coal Co.	Leo Slominsky	Shenangoah, Pa.
3	Snyder Coal Co.	Nelson Snyder, 1237 N. Main Ave., Scranton, Pa.	Scranton, Pa.
2	Sobleskie Coal Co.	John Sobleskie	Jessup, Pa.
18	South Tamaqua Coal Buckets	Clarence Warne	S. Tamaqua, Pa.
19	*Spaniari, Lewis	Lewis Spaniard	Frackville, Pa.
5	*Sproul (H.B.) Constr. Co., Inc.	A. C. Sproul, Olive St.,	Scranton, Pa.
14	*Stackhouse Coal Co.	Richard K. Bullock	Shickshinny, Pa.
5	Standard Breaker Corp.	K. A. Lambert	Pittston, Pa.
24	Stanley Coal Co.	A. A. Graybill	Shamokin, Pa.
19	St. Clair Coal Co.	Harold Smyth	Pottsville, Pa.
24	Steam Coals, Inc.	H. Wilson Lark	Shamokin, Pa.
16	Steele, T. F., Coal Co.	E. J. Gibbons	Junedale, Pa.
18	Stefonick & Falkovitch	J. Falkovitch	Pottsville, Pa.
24-25	Stevens Coal Co.	George H. Jones	Shamokin, Pa.
6	Stodnick Coal Co.	George Stodnick	Dupont, Pa.
25	Stump, Franklin B.	Franklin B. Stump	Pine Grove, Pa.
9	Sullivan Trail Coal Co.	Joseph Mayers	W. Pittston, Pa.
24	Sunshine Coal Co.	Ralph Steinhart	Trevorton, Pa.
25	Superior Coal Co.	Roy E. Hlyer	Hegins, Pa.
3	Supreme Anthracite Co.	Charles Pompey	Dickson City, Pa.
19	Susan Coal Co.	John Watcher	Frackville, Pa.
14-24	Susquehanna Collieries Div.	C. A. Gibbons	Nanticoke, Pa.
6	M. A. Hanna Co.	C. E. Bunker	Pittston, Pa.
2	Sussex Coal Co.	John Swader	Blakely, Oliphant, Pa.
24	Swader Coal Co.	Norman E. Swank	Paxinos, Pa.
21	Swank Coal Sales	John Butcavage	Zerbe, Pa.
24	Swatara Coal Co.	Adam Swift	Tharptown, Pa.
22	Swift Coal Co.	Joseph Swilp	Connerton, Pa.
	Swilp Coal Co.		

Dist- rict	Operator	General Manager	Address
2	Swoyer Coal Co.	Harry Swoyer	Jessup, Pa.
1	Talerico Excavating Co.	Constantine Talerico	Simpson, Pa.
22	Tarrone Coal Co.	Anthony Tarrone	Raven Run, Pa.
3	Throop Mining Co.	Angelo Falzone	Pittston, Pa.
21	Titus & Taylor	E. J. Taylor	Tremont, Pa.
2	Touch Coal Co.	Louis Touch	Archbald, Pa.
21	Tracy-Diamond Coal Co.	Elkins Read	Pottsville, Pa.
16	Trader Horn Coal Co.	Waldemar Hartman	McAdoo, Pa.
9	Trafford Coal Co.	Samuel Wane	W. Pittston, Pa.
3	Turnpike Coal Co.	John Vitali	Dunmore, Pa.
1	Umbre Coal Co.	Dominic Cenci, 1607 Elizabeth St., Scranton, Pa.	
6-8	Valley View Coal Co.	Robert E. Nolan, Scranton Nat.Bk.Bldg., "	"
5	V. Coal Co.	Thomas H. Galbraith	Scranton 7, Pa.
6	Vigilone Coal Co.	Dominick Vigilone	Hughestown, Pa.
2	Village Slope Coal Co.	Louis Coccodrilli	Jessup, Pa.
2	Vispi Coal Co.	Raymond Vispi	Olyphant, Pa.
2	V. & L. Coal Co.	John Vitali	Jessup, Pa.
1-3-5	Waddell Coal Co.	Peter Brojack	Winton, Pa.
6	Warner Coal Co.	Joseph Warnes	Old Forge, Pa.
10	West Side Coal Co.	Walter Songalia	Luzerne, Pa.
21	Whiteash, Paul	Paul Whiteash	Minersville, Pa.
22	*William Penn Anth. Coal Co.	Nelson Stouffer	Shaft, Pa.
21	Williams Stripping Co.	J. Harold Fisher	Pottsville, Pa.
18	Winton Coal Mining Co.	Joseph Harlam	S. Tamaqua, Pa.
21	Witcoski, Tally	Tally Witcoski	Pottsville, Pa.
6	W. S. P. Coal Co.	M. J. Sedlock	Dupont, Pa.
21	Zerbe & Griffith	Elmer Zerbe	Zerbe, Pa.
24	Zerbe Valley Coal Co.	Darwin Feese	Shamokin, Pa.
22	Zimmerman Coal Co.	J. Zimmerman	Ringtown, Pa.
25	Zubel-Zane Coal Co.	Lawrenty Zubel	Ravine, Pa.

416 Operators

*Ceased operation during the year.

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REPORT COVERING MINES EMPLOYING FEWER THAN
FIVE PERSONS, BUT NOT FEWER THAN TWO

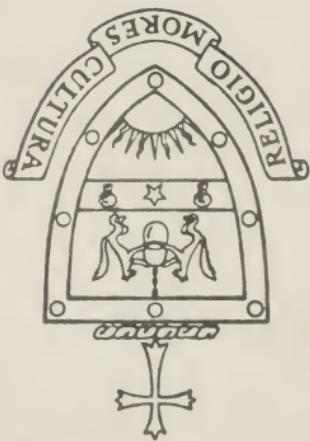
Dist- rict	Number of mines	Number of employees all mines	Aggregate no. of man-days worked	Total production all mines	Fatal acci- dents	Non- fatal acci- dents	Production per fatal
1	17	46	7,360	17,890	-	3	-
2	4	9	644	3,935	1	-	3,935
3	-	-	-	-	-	-	-
5	2	6	300	678	-	-	-
6	5	14	1,803	6,311	-	-	-
7	-	-	-	-	-	-	-
8	-	-	-	-	-	-	-
9	-	-	-	-	-	-	-
10	-	-	-	-	-	-	-
11	-	-	-	-	-	-	-
12	1	3	201	736	-	-	-
13	-	-	-	-	-	-	-
14	3	7	70	73	-	-	-
15	2	4	398	701	-	-	-
16	-	-	-	-	-	-	-
17	-	-	-	-	-	-	-
18	7	19	760	2,007	-	-	-
19	71	202	19,300	116,490	1	8	116,490
20	64	216	23,920	72,311	-	13	-
21	106	356	41,264	143,805	5	-	28,761
22	73	247	30,604	122,879	-	24	-
23	66	229	32,980	109,052	3	5	36,350
24	160	549	71,200	220,919	4	1	55,230
25	178	618	33,628	296,713	2	5	148,356
Total	759	2525	264,432	1,114,500	16	59	69,656

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I N D E X

	Page
Letter of transmittal	1
Gas explosions, reports on	2-11
Production of coal, explosives, days worked, employees, fatal accidents, man-days, by inspection district	12
Production (deep mined, stripping and bank) and employees, by county	13
Total production, washery and stripping pro- duction, employees, fatalities, production per fatality, fatalities per million tons, number of inspectors, 1870 to 1947, inclusive	14-15
Production of coal, how shipped to market, amount sold to local trade, used at colliery for steam and heat, explosives, days worked, employees, fatal and non-fatal (disability 60 days or more) accidents, by operator, for each inspection district	16-63
Employees, inside, by classification	64
Employees, outside, by classification	65
Fatal accidents, name and address of victim, name of operator, mine, etc., date of accident, cause of injury	66-71
Fatal accidents, causes of, by counties	72
Production per fatal inside, and production per fatal inside and outside, by district	73
Production per fatal inside, and production per fatal inside and outside, by operator	74-75
Fatal accidents, in which five or more persons were killed, 1847 - 1947	76-77
Stripping report, by operator	78-81
Nineteen year study of anthracite, by counties	82-85
Operators, managing officials, and addresses	86-92
Report covering mines employing fewer than five persons	93

Debt
Balances



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